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Pakro Golden Bantam Sweet Corn

PAKRO ANNUAL

*A Guide
to Better
Gardens*

U. S. Department of

1924



Crimson
Globe Beet

All Season's
Cabbage

American Seed ^{and} Seedtape Company
MADISON - NEW JERSEY - U - S - A -

\$5.00

will buy enough Pakro Quality Seeds to plant a garden 40 x 120 (forty 40-foot rows) and provide a family of five with an abundant supply of the finest vegetables, including all the leading and popular varieties from early summer until late fall. If purchased separately from our catalog, these seeds would cost \$7.00, and The Home Garden Book by E. L. D. Seymour \$1.50, total value \$8.50. See complete list below.

A Complete Vegetable Garden for \$5.00

We are always on the alert for something that will be of benefit to our customers. We have before us at the time of making up our catalog, a report, taken from actual tests by the Missouri Agricultural Experiment Station, showing the number of feet of each variety necessary to produce an abundant all-summer supply of fresh vegetables for a family of five. A condensed chart is given below.

Trianon Cos
Lettuce
(Page 11)

Variety.	Feet.
Dwarf Beans	200
Dwarf Limas	100
Beets	150
Cabbage	200
Cauliflower	50
Carrots	50
Celery	50
Sweet Corn	500
Cucumber	100
Egg Plant	25

Variety.	Feet.
Lettuce	150
Musk Melon	150
Onion	200
Parsnips	50
Peas	300
Peppers	25
Radishes	150
Spinach	200
Squash	25
Tomato	100

PAKRO "40-40 Collection"

Our famous "40-40 Collection" used with splendid success by many Pakro Gardeners last year includes all of the varieties listed by the Missouri Agricultural Station in sufficient quantities to plant rows of the required length, as well as several additional varieties, which in our opinion, are necessary to make the home garden complete. It also furnishes our customers the opportunity to purchase one of the most complete and practical assortments of vegetable seeds as quickly and easily as though they were ordering a single packet. Many desire a garden but are undecided as to what varieties to select and plant. In this collection we have done the choosing for you. Each variety is a fine sort and proved by many years of experience to grow best under average conditions.

The following is a list of the varieties and quantities included in this remarkable offer.

1 lb. Beans, Bountiful	\$.35
1 lb. Beans, Hodson Wax .....	.35
1 lb. Beans, Early Levitan Pole Lima .....	.40
*2 pkts. Beet, Crimson Globe .....	.20
*2 pkts. Beet, Extra Early Egyptian .....	.20
*1 pkt. Cabbage, Premium Flat Dutch .....	.10
*1 pkt. Cabbage, Early Jersey Wakefield .....	.10
*2 pkts. Carrot, Chantenay .....	.20
*1 pkt. Carrot, Oxheart .....	.10
*1 pkt. Celery, White Plume .....	.10
½ lb. Sweet Corn, Golden Bantam .....	.20

½ lb. Sweet Corn, Country Gentleman .....	.20
1 oz. Cucumber, Extra Early White Spine .....	.15
1 pkt. Cucumber, Cool and Crisp .....	.10
*1 pkt. Egg Plant, Black Beauty .....	.10
*1 pkt. Endive, Green Curled .....	.10
*1 pkt. Kale, Dwarf Curled Scotch .....	.10
*2 pkts. Kohlrabi, White Vienna .....	.20
*2 pkts. Lettuce, Big Boston .....	.20
*2 pkts. Lettuce, Salamander .....	.20

*2 pkts. Lettuce, Trianon Cos .....	.20
1 oz. Muskmelon, Emerald Gem .....	.20
*1 pkt. Onion, Prizetaker .....	.10
*2 pkts. Onion, White Portugal .....	.20
*1 pkt. Parsley, Double Curled .....	.10
*2 pkts. Parsnip, Hollow Crown .....	.20
1 lb. Peas, Earliest of All .....	.35
1 lb. Peas, Champion of England .....	.40
*1 pkt. Pepper, Pimiento .....	.10
*2 pkts. Radish, French Breakfast .....	.20
*2 pkts. Radish, White Icicle .....	.20
*2 pkts. Radish, Long Scarlet .....	.20
*1 pkt. Rutabaga, Improved Purple Top .....	.10
*1 pkt. Spinach, Long Standing .....	.10
1 pkt. Squash, White Bush .....	.10
*2 pkts. Swiss Chard, Silver Leaf .....	.20
*1 pkt. Tomato, Earliana .....	.10
*1 pkt. Tomato, Ponderosa .....	.10
*1 pkt. Turnip, White Milan .....	.10
*1 pkt. Turnip, Strap Leaf .....	.10

Black-Seeded
Simpson
Lettuce
(Page 11)

Total value.....\$7.00

If purchased separately the seed included in this collection would cost \$7.00, and The Home Garden book by E. L. D. Seymour, \$1.50. The SPECIAL COLLECTION PRICE to our Catalog Customers is \$5.00. Delivery charges prepaid anywhere in the United States or Canada.

Varieties marked with () can be supplied in either Seedtape or Loose Seed packets. If Seedtape is preferred kindly so state when sending your order, otherwise Loose Seed packets will be sent.

Planting Plan Free With Every Order

In order to aid you as much as possible in laying out your garden we include, when packing these collections, a chart for planting which should aid you materially in getting the utmost from your garden.

White
Portugal
Onion
(Page 13)



Announcing the New Pakro Seedhouse at Madison, N. J.

TO FRIENDS AND CUSTOMERS:—

Since the publication of our last Seed Annual we have taken possession of a new and completely modern seedhouse at Madison, N. J., and are now able to positively assure our customers, both old and new, of Service second-to-none in the Seed Trade.

Our Retail, Wholesale and Mail Order Departments—Seed Cleaning, Seed-taping, Packing, Shipping Departments and Office are housed in the large, brick building pictured on this page. This building is located on Madison's main street, but a step from the center of the city. It is convenient for our retail store trade, also handy to freight, express and postoffices. A large warehouse used exclusively for reserve stock of seeds and supplies is located nearby.

Madison, N. J., is known almost everywhere that seeds and plants are grown as a leading horticultural and floricultural center and therefore particularly suited to the development and growth of our business. It is near enough the seaboard and big railroad centers to secure the best delivery from our growing stations and far enough from the congested areas to command prompt and efficient service in forwarding orders to our customers by mail, express or freight.

"The Best Way Is Always The Cheapest"

This is a saying that particularly applies to seeds. **QUALITY SEED** means a bumper garden and full satisfaction with results obtained. Bad seed means poor returns from your costly labor, loss of time, dissatisfaction and annoyance. There **IS** a difference in the seeds you buy! When placing your seed order, you should bear these facts well in mind.

Pakro Seeds are **QUALITY SEEDS** in every sense of the word. They are grown specially for us by the best growers in the world and in the part of the world best suited to produce strong fertile seeds of the particular variety.

They are rigidly tested and are **GUARANTEED** to be of high germination, true to name and of satisfactory productiveness or purchase price will be refunded without quibble or question.

Bulbs, Plants, Garden Supplies

Our business has enjoyed a substantial growth and expansion during the past year and we have found it necessary to add to our list of varieties of both Seeds and Plants, also to include a few of the most used garden supplies. All of these you will find listed elsewhere. We also now offer a complete line of best Holland Bulbs for Fall Planting and if you are interested in having some of these beautiful Spring Flowering blooms next year we would appreciate mention of the fact when sending in your order. Just add a line to the order sheet and price list will be sent you in due course.

In compiling this catalog it has been our aim to make it interesting as well as instructive, also a little more complete and attractive than in previous years, and in this connection we call particular attention to the color illustrations used through the book.

Ask Us Your Gardening Questions

We maintain an efficient Service Department and are always glad to furnish you without charge information concerning the preparation of soil, time of planting, varieties best suited for your section or methods of cultivation of any seed—field, garden or flower.

It is our desire to keep in as close personal touch as possible with our many customers and to merit their good will and friendship by continuing to furnish each and every one with **HIGHEST QUALITY SEEDS, PLUS PROMPT, EFFICIENT SERVICE.**

We always like to have visitors and would especially appreciate a visit from you at our new Seedhouse.

We are also pleased to take this opportunity to thank you for your generous patronage in the past and express the hope that we may be favored with your orders again this year.

With very best wishes for a happy and prosperous year,

We remain, faithfully yours,

AMERICAN SEED AND SEEDTAPE CO.

A. B. Churchice
President

GENERAL INFORMATION AND SUGGESTIONS ON ORDERING

SAVE MONEY. When making out your general list of seed, be sure to include insecticides, sprayers, garden tools, or any other items in this line, that you may need, thus saving extra shipping expense.

HOW TO SEND MONEY. Remittances should be made by express or post office money order or bank draft. U. S. (only) stamps will be accepted when amount of order is \$1.00 or less. Goods will be sent C. O. D., provided 25 per cent. of the total cost accompanies the order.

TERMS. All orders to secure prompt attention should be accompanied with cash, as we cannot open charge accounts in the mail order department.

NO CHARGE is made for boxes, packing or bags, except for 2-bushel seamless sacks which are returnable for credit at the price charged.

IF YOU BUY SEEDS IN QUANTITY, you are entitled to quantity prices. We will gladly quote these to you on application. Simply advise us as to your requirements and we will forward you quotations by return mail.

WE DELIVER FREE in the United States and Canada all vegetable, flower and lawn grass seeds in quantities priced in this catalog. Field Seeds, Plants and Garden Supplies are delivered at purchaser's expense (except as noted).

KEEP A COPY OF YOUR ORDER. It is always best for you to keep a copy of your order sent us, as in ordering a number of articles, it is difficult to remember correctly what is ordered. Always be careful to sign your name, post-office, county and state, on each order and letter to us.

CORRESPONDENCE. In writing us at the same time when ordering, please write your letter on a separate sheet of paper, so that it will have our prompt attention and not delay the handling of your order through the proper departments.

LOAN YOUR CATALOG. If any of your neighbors haven't a copy of our catalog, loan them your copy, and we will gladly send you another.

ORDER EARLY. Do this for two reasons. We can give your order more careful and prompt attention if received before it gets into the Spring rush, and our assortment is complete then, and we will not have to write for permission to substitute on varieties sold out.

CONCERNING OUR GUARANTEE. Our seeds are the very finest strains of their kind that money can buy. We supervise the growing of all seeds packed by us and test each individual sack of seed in our own laboratories on the premises before an ounce of it is packed. We cannot positively guarantee that they will grow under any and all conditions, but we unqualifiedly guarantee their freshness and germination qualities, and if you are not perfectly satisfied with the results, we will refund the price you paid for them without question.

MAKING THE GARDENING PROBLEMS EASIER

We have endeavored to include on this page in as condensed form as possible all of the essential information needed to plan and properly care for a Home Vegetable Garden of average size.

Under the heading of "Planting Guide" we have given the proper season, method of planting, and depth to plant for the most generally grown vegetables.

A small "Garden Chart" is also included and this should aid you in laying out your own particular garden to better advantage.

Several pertinent and helpful facts, compiled from information gathered over a period of years are listed as "Helpful Hints, Etc." Read them through every few weeks. They will probably bring to your memory a thought of something to do that has been forgotten or settle some gardening question that has been on your mind.

We always welcome any question whether it be on vegetables, flower or landscape gardening; farming, fertilizers or insecticides and will answer them cheerfully and to the best of our ability. Write us and take advantage of this service.

Vegetable Planting Guide

Complete cultural directions are given on every packet of Pakro Seedtape and Seeds and also information regarding the proper preparation and care of the soil. The chart given below is made up for your convenience. No definite date can be given as to the time to plant as the seasons vary from year to year.

Vegetable	Class	Depth to Sow	Rows Apart	Distance Between Plants
Beans, Dwarf	C, G	2 in.	18-24 in.	2-4 in.
Beans, Lima	B, G	2 in.	3-4 ft.	3 ft. (hills)
Beet	D, E, F	$\frac{1}{2}$ -1 $\frac{1}{2}$ in.	12-15 in.	3-4 in.
Brussels Sprouts	A, E	$\frac{1}{2}$ in.	2 ft.	18 in.
Cabbage	A, C, E	$\frac{1}{2}$ in.	2-2 $\frac{1}{2}$ ft.	18-24 in.
Carrot	C, F	$\frac{1}{2}$ in.	12-15 in.	2-3 in.
Cauliflower	A, E	$\frac{1}{2}$ in.	2 ft.	18 in.
Celery	A, E	$\frac{1}{2}$ in.	3-4 ft.	6 in.
Corn	B, E, G	2 in.	3-4 ft.	3 ft. (hills)
Corn Salad	B, F	$\frac{1}{2}$ in.	2 ft.	18 in.
Cucumber	B, G	1 in.	4 ft.	4 ft. (hills)
Eggplant	A, B	$\frac{1}{2}$ in.	2 $\frac{1}{2}$ ft.	2 ft.
Endive	E, F	$\frac{1}{2}$ in.	12-15 in.	6-10 in.
Kale	A, E	$\frac{1}{2}$ in.	2 $\frac{1}{2}$ ft.	2 ft.
Kohlrabi	C, F	$\frac{1}{2}$ in.	15-18 in.	4-6 in.
Leek	B, F	$\frac{1}{2}$ in.	15 in.	2-4 in.
Lettuce	C, E, F	$\frac{1}{4}$ in.	12-18 in.	6-10 in.
Muskmelon	B, G	1 in.	4-6 ft.	4-6 ft. (hs.)
Okra	B, G	$\frac{1}{2}$ -1 in.	3 ft.	2 ft.
Onion	B, F	$\frac{1}{2}$ in.	12-15 in.	2-3 in.
Parsley	B, F	$\frac{1}{4}$ - $\frac{1}{2}$ in.	12 in.	2-4 in.
Parsnip	B, G	$\frac{1}{2}$ -1 in.	18 in.	3-5 in.
Peas	C, D, F	2-3 in.	3-5 ft.	2-4 in.
Pepper	A, B	$\frac{1}{2}$ in.	2 $\frac{1}{2}$ ft.	2 ft.
Radish	C, F	$\frac{1}{2}$ in.	12 in.	2-3 in.
Rutabaga	B, G	$\frac{1}{2}$ in.	2 ft.	18 in.
Spinach	C, E, F	$\frac{1}{2}$ -2 in.	18 in.	3-6 in.
Squash	B, G	1-1 $\frac{1}{2}$ in.	4-8 ft.	4-8 ft. (hs.)
Swiss Chard	B, E, F	$\frac{1}{2}$ -2 in.	18 in.	5-10 in.
Tomato	A, B	$\frac{1}{2}$ in.	3-4 ft.	2-3 in.
Turnip	C, F	$\frac{1}{4}$ - $\frac{1}{2}$ in.	15 in.	3-5 in.
Watermelon	B, G	1 in.	6-8 ft.	6-8 ft. (hs.)

Explanations

Class A. Crops that should be partly grown in frames or seed-bed out-of-doors before being transplanted to garden. All plants under Class A are so spaced in Seedtape as to eliminate pricking out the seedlings. (But the plants should be transplanted to their permanent place when 4 to 8 inches tall.) We have found this to be more advantageous to our customers than spacing the seeds at the distance the plants should be at maturity which is from 1 to 2 feet.

Class B. Crops that occupy the ground for the whole or the greater part of the season.

Class C. Crops that should be sown several times a season to insure a continuous supply.

Class D. Crops which may be cleared away in time to sow or plant something else. For very late planting early varieties should be used.

Class E. Crops which may be sown or planted on the ground where early crops have been grown and cleared off.

Class F. Seeds that may be sown as soon as the ground can be worked into fine loosened condition.

Class G. Seeds should not be sown until the ground is thoroughly warmed (about when the maples start to leaf).

Helpful Hints for Ambitious Vegetable Gardeners

Decide early how much ground you will use and what you will plant.

Plow or spade before the ground freezes, if you can. A little fertilizer or manure will insure better crops.

Don't cover the seed too deep. It will germinate more quickly if only a little soil is on the seed. See full cultural directions on our packets.

Leave the garden alone until the plants come up. If you have sown bulk seeds, thin rows after plants are up an inch or two. Using Seedtape reduces thinning to a minimum.

Lima beans should be planted with the eye down and covered one inch deep.

Sow radishes directly in the row with your parsley.

Order your seeds early so that you can take advantage of the first signs of spring.

When you water do it thoroughly, don't sprinkle, soak.

Plant early everything but beans, wrinkled peas, and vine crops.

If soil is dry, water may be put on. Let it run slowly and don't spare the water—it's cheap.

Don't think water will take the place of thorough cultivation—it won't.

You will have a better garden if you use the hoes more, and the hose less.

Weeds are garden robbers. Kill them when they are small.

For large head lettuce, thin out to at least six inches.

Plant enough to have some vegetables for home canning.

Buy only first-class, reputable materials even if it means less of them.

Get a good spray and use it.

Hoe often to loosen the soil and hold moisture around the roots of the plants.

You can not do good work with poor tools. Have a good hoe, rake, fork, and spade.

Laying Out Your Garden

CARROT - APRIL	ALL SEASON	1'
CARROT - APRIL	SPINACH - AUGUST	1'
BET - APRIL	BET - APRIL	1'
ONION - APRIL	ALL SEASON	1'
ONION - APRIL	"	1'
PARSNIP - APRIL	"	1'
RADISHES - 10 FEET EVERY WEEKS WHILE THERE IS SPACE		1'
CABBAGE - SOW SEED - MAY	SPINACH - AUGUST	1'
CABBAGE - TILL JULY	THEN ENDIVE	1'
CHARD - APRIL	ALL SEASON	1'
LEEK - APRIL	ALL SEASON	1'
BET - APRIL	TILL CHARD NEEDS SPACE	1'
CARROT - APRIL	TILL LEEK NEEDS SPACE	1'
LETTUCE - APRIL	CELERY PLANTS - JULY	1'
TURNIP - MAY	CELERY PLANTS - JULY	1'
KOHLRABI - APRIL		1'
SPINACH - MARCH	TOMATO PLANTS - JUNE	1'
TURNIP - AS NEEDED	OR SEED - MAY	1'
SPINACH - MARCH	PEPPER - PLANTS OR SEEDS - JULY	1'
RADISH OR LETTUCE - AS NEEDED		1'

We could no more hope to lay out a garden suited to your needs than to pick a wall paper for your sitting room. A garden is just as individual as a room and must be laid out in accordance with your own personal tastes. The chart above is for a garden 20 x 40 and gives an idea of what should and can be done in this small space.

No matter how large or how small your garden is we would advise that you lay out a planting chart. Plot it out for the various different vegetables keeping varieties of the same height together and alternate between those that mature late and those that mature early so that by the time the later maturing varieties need more room, the earlier ones will have been used. It is easy enough to start a garden but it takes planning to keep it working to the utmost all summer.

Thinning Out Necessary

We cannot urge too strongly that you thin out your plants to the proper distance apart. We would venture to say that more gardens are ruined from lack of giving the plants enough space to grow than from any other cause. There is only enough food in the ground to support a certain amount of plant growth. If your plants are crowded none of them will get enough nourishment to develop properly. The sun and air play no mean part in development of plants. See to it that they are spaced wide enough apart so as not to shade each other too much. We all hate to pull up plants, but it must be done if the best results are to be expected. If Seedtape is used, much less thinning out is required.

Care and Cultivation

The best plants are those that grow quickly; don't let anything check them. It is much easier to keep weeds out of your garden by frequent cultivation than to take them out after they get in.

Cultivate after every rain as soon as the ground is dry enough to work. This breaks up the surface crust, conserves moisture, and kills the weeds while they are small. The best time to cultivate is in the morning so that the weeds thrown up will be killed by the noon-day sun before the night's dew revives them. Buy a small cultivator, it will enable you to thoroughly cultivate your whole garden in less time than you could hoe a quarter of it by hand and it will do a better job.

A small hand cultivator will make you feel like a professional gardener. It will soon pay for itself too.

Don't try "watchful waiting" for bugs, worms and other vermin. Swat 'em or they will spoil your plants.

Plant small, quick growers like lettuce, radishes, etc., between the rows of larger, slower maturing sorts. In the case of early sorts such as spinach, start tomatoes, corn, etc., between the rows to occupy the ground after the former is harvested.

Never cultivate or handle any kind of beans when the vines are wet. This is the easiest way to spread a serious disease and ruin the crop.

Success against weeds means keeping them out, not taking them out after they get in.

To ensure a succession of such plants as peas, beans, lettuce, radishes, beets, kohlrabi, etc., sow a fresh row every week or ten days.

Raise Your Own Vegetables and Help Lower the Cost of Living.

We Are Sole Manufacturers and Distributors of

**MAKES
GARDENING
EASY**

**PAKRO
SEEDTAPE**

**SAVES
TIME AND
LABOR**

The Greatest Improvement In The History of Gardening

Complete List of Seedtape Varieties

The following varieties Pakro Seeds are offered in Seedtape. For complete description and cultural instructions see pages indicated.

Vegetables	Page
Beets	7
Brussels Sprouts	7
Cabbage	7
Carrot	9
Cauliflower	9
Celery	9
Corn Salad	9
Eggplant	10
Endive	10
Kale	10
Kohlrabi	10
Leek	10
Lettuce	11
Okra	13
Onion	13
Parsley	15
Parsnip	15
Pepper	15
Radish	15
Rutabaga	16
Spinach	16
Swiss Chard	16
Tomato	17
Turnip	16

Flowers

Alyssum	19
Aster	19
Balsam	19
Bachelor's Button	20
Calliopsis	20
Candytuft	20
Carnation	20
Chrysanthemum	20
Forget-Me-Not	21
Gypsophila	21
Heliotrope	21
Hollyhock	21
Larkspur	21
Lobelia	21
Mignonette	22
Morning-Glory	22
Pansies	23
Petunia	23
Phlox	23
Pinks	23
Poppy	23
Portulaca	23
Salvia	24
Stocks	25
Sweet Peas	24
Verbena	25

In buying Seedtape you can figure your exact requirements, as all vegetable seeds are taped in rolls forty (40) feet long, and flower seeds in rolls ten (10) feet long, and all varieties are sold at the standard price of 10 cts. each.

A Better and Easier Way To Plant

Seedtape is not a novelty, fad or "device," but a thoroughly scientific method of planting small vegetable and flower seeds. It is used annually by many thousands of Home-Gardeners in nearly every civilized country in the world, also by leading florists and market growers who have been quick to recognize its labor and time-saving features. It is enthusiastically endorsed by foremost Agricultural experts everywhere.

It saves money, time, seeds, back and temper.

It produces stronger, healthier plants, in neater, straighter rows, and the utmost in garden satisfaction.

Have A Seedtape Garden This Spring

If you are not already a Seedtape gardener we urge you to try it this year and experience for yourself the splendid success that it gives. No urging on our part is necessary if you have already tried the Seedtape way. Included among our customers are many who have used Seedtape for four and five years and from whom we have received letters advising that they would stop gardening if unable to plant certain varieties with Seedtape.

We list elsewhere on this page all the varieties offered in Seedtape and recommend each for your favorable consideration. We do not Seedtape varieties in which spacing is undesirable—nor those seeds large enough to be easily handled and planted the old way.

What Seedtape Is

It consists of a narrow strip of thin tissue paper upon which are placed (by machine and with a machine's accuracy) specially selected and carefully tested seeds correctly spaced for planting. The seeds are placed on this narrow strip of tissue automatically, and paper reeled and packed by machine. ALL VEGETABLE SEEDS ARE TAPED IN ROLLS 40 FEET LONG AND ALL FLOWER SEEDS IN ROLLS 10 FEET LONG.

To plant you make a shallow trench (detailed cultural directions are on each package) and unroll the Seedtape in it as fast as you walk. If ground is very dry water tape before covering, firm earth on the tape, water, and continue to water as you would any other seed.

The moisture in the ground and the watering you give it after the planting is done causes the tissue holding seeds to disintegrate and disappear, leaving the seeds correctly spaced in the ground. They sprout quickly and the plants grow rapidly and strong because they are not crowded.

What Seedtape Does

1. Reduces transplanting to a minimum.
2. Makes thinning out almost unnecessary.
3. Enables one to plant a garden easier and in much less time than is required by old method.
4. Makes waste of seed a thing of the past.
5. Brings seeds to the gardener and grower spaced the correct distance apart.
6. Helps all seeds, planted this way to grow faster and stronger.
7. Beautifies the garden by keeping the rows straight and even.
8. Makes a scientific gardener of the amateur and eliminates guesswork and doubt.

Free Trial Offer to Large Planters

During the past year we have put up in Seedtape many kinds of seeds for large growers, including Pansies, Mangel and Sugar Beets, Lettuce, Radishes, etc. If you grow vegetables or flowers in quantity let us furnish you a liberal trial sample of Seedtape of the variety you are most interested in. We will be pleased to do this without charge and are convinced that once you see it grown in comparison with the old way you will plant all your small seeds with Seedtape.

Pakro Loose Seeds

As is well known to many of our customers we offer a complete line of Pakro Seeds in the customary Loose Seed Packets, as well as in Seedtape and we take this opportunity to direct attention to the reasonable prices of our Loose Seeds, both in small packets and larger quantities as listed following the cultural instructions for each variety.

The same high quality of Seed is supplied "loose" as in Seedtape—seed from the same growing stations, delivered to us in same bags, and tested with the same expert care so that we may be sure of its purity, trueness to type and germination.

Pakro Guarantee

The quality of both Pakro Seedtape and Seeds is guaranteed to the full extent of the purchase price, and money will be refunded any time within one year if you are not entirely satisfied with results obtained.



Pakro Seedtape makes garden planting easy. A child can do it as well as the veriest expert.

With Seedtape You Plant a Whole Row at a Time

Money-Saving Collections

Including All Leading Varieties of Choice Pakro Vegetable and Flower Seeds at Special Bargain Prices

There is an increasing number of seed buyers each year who prefer to purchase our collections of seeds both vegetables and flowers. It is easy to understand the reason for this when one stops to consider the exceptional value obtained, also the saving of time and trouble usually required in making individual selections.

Every variety in every one of the collections offered on this page is a time-tried standard sort that has proved itself. No untried novelties or obsolete, out-of-date, varieties are included.

The choice of varieties has been determined by our own and other expert gardeners with two purposes in mind, viz: *First—To give to the inexperienced a selected assortment of flower and vegetable seeds most suited to average needs; Second—To save both time and money for the more experienced garden planter.*

We are sure you will find among these combinations one or more that will fulfill at least a good share of your season's requirements.

PAKRO SEEDTAPE COLLECTIONS

26 Full-sized Packets Vegetable Seedtape (except as noted) and Home Garden Book, Value \$4.40 . . . \$200

ORDER PAKRO HOME GARDEN COLLECTION NO. 7	
Beans, Bountiful (not in tape) \$.15	Lettuce, Black Seeded Simpson .10
Beans, Refugee Wax (not in tape) .15	Onion, Prizetaker .10
Beans, Fordhook Bush (not in tape) .15	Onion, White Portugal .10
Beet, Crimson Globe .10	Parsley, Double Curled .10
Beet, Early Egyptian .10	Peas, Earliest of All (not in tape) .15
Cabbage, Early Jersey Wakefield .10	Peas, Telephone (not in tape) .15
Cabbage, Premium Flat Dutch .10	Pepper, Large Bell .10
Carrot, Chantenay .10	Radish, Scarlet Turnip W. T. .10
Corn, Golden Bantam (not in tape) .15	Radish, White Icicle .10
Cucumber, Cool & Crisp (not in tape) .10	Spinach, Long Standing .10
Kohlrabi, White Vienna .10	Squash, White Bush (not in tape) .10
Lettuce, Big Boston .10	Swiss Chard, Silver Leaf .10
	Tomato, Beauty .10
	Turnip, Early White Milan .10
	The Home Garden Book .1.50
	Value \$4.40

15 Full-sized Packets Vegetable Seedtape, Value \$1.50 . . . \$100

ORDER PAKRO HOME GARDEN COLLECTION NO. 5	
Beet, Crimson Globe .10	Lettuce, B. S. Simpson .10
Cabbage, Ea. Jer. Wakefield .10	Onion, Prizetaker .10
Carrot, Oxheart .10	Parsley, Double Curled .10
Endive, Green Curled .10	Radish, French Breakfast .10
Kale, Dwarf, Curled Scotch .10	Radish, White Icicle .10
Kohlrabi, White Vienna .10	Swiss Chard, Silver Leaf .10
Lettuce, Big Boston .10	Tomato, Earliana .10
	Turnip, Ea. White Milan .10
	Value \$1.50

16 Full-sized Packets Flower Seedtape (except as noted) Value \$1.60 . . . \$100

ORDER PAKRO "PRIZEWINNER" FLOWER COLLECTION NO. 3	
Alyssum, Sweet .10	Hollyhock, Double Mixed .10
Aster, Queen of Market .10	Larkspur, Mixed .10
Aster, Late Branching .10	Nasturtium, Tall Mixed (not in tape) .10
Bachelor Button, Mixed .10	Portulaca, Single Mixed .10
Balsam, Mixed .10	Poppy, California .10
Calliopsis, Coronata .10	Sweet Peas, Mixed .10
Candytuft, Mixed .10	Zinnia, Dwarf Mixed (not in tape) .10
Chrysanthemum, Coronarium .10	
Cosmos, Mixed (not in tape) .10	Value \$1.60

8 Full-sized Packets Flower Seedtape, Value 80cts. . . 50cts.

ORDER PAKRO "IDEAL" FLOWER COLLECTION NO. 1	
Alyssum, Sweet .10	
Aster, Queen of Market .10	
Bachelor Button, Mixed .10	
Balsam, Mixed .10	
Calliopsis, Coronata .10	
Candytuft, Mixed .10	
Larkspur, Mixed .10	
Sweet Peas, Mixed .10	
Value \$.80	

PAKRO LOOSE SEED COLLECTIONS

26 Full-sized Packets Vegetable Seeds and The Home Garden Book, Value \$4.40 . . . \$200

ORDER PAKRO HOME GARDEN COLLECTION NO. 8	
Beans, Bountiful .15	Onion, Prizetaker .10
Beans, Refugee Wax .15	Onion, White Portugal .10
Beans, Fordhook Bush .15	Parsley, Double Curled .10
Beet, Crimson Globe .10	Peas, Earliest of All .15
Beet, Extra Early Egyptian .10	Peas, Telephone .15
Cabbage, Jersey Wakefield .10	Pepper, Large Bell .10
Cabbage, Premium Flat Dutch .10	Radish, Scarlet Turnip, W. T. .10
Carrot, Chantenay .10	Radish, White Icicle .10
Corn, Golden Bantam .15	Spinach, Long Standing .10
Cucumber, Cool & Crisp .10	Squash, White Bush .10
Kohlrabi, White Vienna .10	Swiss Chard, Silver Leaf .10
Lettuce, Big Boston .10	Tomato, Beauty .10
Lettuce, Black Seeded Simpson .10	Turnip, Early White Milan .10
	The Home Garden Book .1.50
	Value \$4.40

15 Full-sized Packets Vegetable Seeds, Value \$1.50 . . . \$100

ORDER PAKRO HOME GARDEN COLLECTION NO. 6	
Beet, Crimson Globe .10	Lettuce, B. S. Simpson .10
Cabbage, Ea. Jer. Wakefield .10	Onion, Prizetaker .10
Carrot, Oxheart .10	Parsley, Double Curled .10
Endive, Green Curled .10	Radish, French Breakfast .10
Kale, Dwarf, Curled Scotch .10	Radish, White Icicle .10
Kohlrabi, White Vienna .10	Swiss Chard, Silver Leaf .10
Lettuce, Big Boston .10	Tomato, Earliana .10
	Turnip, Ea. White Milan .10
	Value \$1.50

16 Full-sized Packets Flower Seeds, Value \$1.60 . . . \$100

ORDER PAKRO "PRIZEWINNER" FLOWER COLLECTION NO. 4	
Alyssum, Sweet .10	Cosmos, Mixed .10
Aster, Queen of Market .10	Hollyhock, Double Mixed .10
Aster, Late Branching .10	Larkspur, Mixed .10
Bachelor Button, Mixed .10	Nasturtium, Tall Mixed .10
Balsam, Mixed .10	Portulaca, Single Mixed .10
Calliopsis, Coronata .10	Poppy, California .10
Candytuft, Mixed .10	Sweet Peas, Mixed .10
Chrysanthemum, Coronarium .10	Zinnia, Dwarf Mixed .10
	Value \$1.60

8 Full-sized packets Flower Seeds, Value 80cts. . . 50cts.

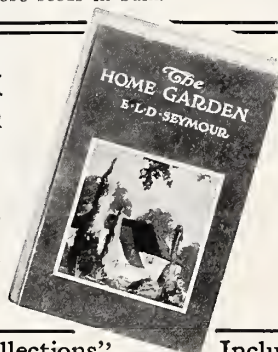
ORDER PAKRO "IDEAL" FLOWER COLLECTION NO. 2	
Alyssum, Sweet .10	
Aster, Queen of Market .10	
Bachelor Button, Mixed .10	
Balsam, Mixed .10	
Calliopsis, Coronata .10	
Candytuft, Mixed .10	
Larkspur, Mixed .10	
Sweet Peas, Mixed .10	
Value \$.80	

FREE PREMIUM OFFER

To encourage more liberal planting on the part of everybody, and at the same time impress our customers that in buying from us they are getting the very utmost in value, we offer the following liberal seed premium: With each dollar order for seeds in packets or seedtape, we allow you to select **twenty cents' worth of seeds extra** (in Seedtape or Loose Seed packets only). Bear in mind, however, that this does not apply to any orders for "Money-Saving Collections," or for loose seeds in bulk.

E. L. D. Seymour's Famous Book GIVEN FREE WITH ANY ORDER OF \$2 OR OVER

Fresh, palatable vegetables are obtainable at a minimum of labor but, as with anything one attempts, the work calls for the exercise of commonsense. Mr. E. L. D. Seymour, Editor of the *Garden Magazine* and *Country Life in America* has written a splendid book for us, "The Home Garden." Mr. Seymour is probably one of the greatest living authorities on home gardening. In this book he gives you the benefit of his wonderful knowledge and experience.



"The Home Garden," Worth \$1.50 FREE GIVEN FREE WITH ANY ORDER OF \$2 OR OVER

This book is richly and abundantly illustrated in colors and finely bound in boards. It is a fit companion to the finest books in anyone's library. It is worth \$1.50. With each order calling for two dollar's worth or more of Pakro Vegetable or Flower Seeds, whether special bargain collection or goods at the regular price, we will include a copy of this valuable book, sent prepaid. Inasmuch as the edition is limited, we advise you to secure your copy immediately.

Pakro "Money-Saving Collections"

Include All Leading Varieties

DWARF OR BUSH BEANS

Beans, both as green or snap beans, or as shelled beans, form almost as staple a food as flour products and are one of the easiest and most satisfactory vegetables to grow in the home garden. No vegetable garden is complete without one or more varieties of Beans. By a careful selection you can have a succession of crops from early spring until frost. While a light rich soil is most desirable, they do well under practically all garden conditions. Plant in drills one to two inches deep after the weather has become settled, and when a good stand is assured, thin out to at least four inches apart. Beans should never be cultivated, hoed or picked while wet because of their tendency to rust. (A disease that will spread quickly unless great care is used.) Plantings should be made every two weeks for succession. One pound will sow fifty feet of row. Beans are not put in Seedtape because of size.

Bountiful

One of the most popular green snap beans, very early and extremely hardy. Pods are six to seven inches long, flat and of a light green color. Flesh is tender and meaty, and entirely free from fibre or strings. It may also be used as a dry shelled bean.

No. 200, Loose Seed, pkt., 15 cts.; ½ lb., 25 cts.; lb., 35 cts.

Extra Early Red Valentine

An extra early round podded sort. Pods are four and a half to five inches long, dark green and of fine quality. This variety is largely used by Market Gardeners, and is also in good demand with home and commercial canners.

No. 201, Loose Seed, pkt., 15 cts.; ½ lb., 25 cts.; lb., 35 cts.

Extra Early Refugee

Another extra early bean of great merit. Color and size of pod same as Refugee, as productive and about a week earlier. Extra Early Refugee and Late Refugee, sown at the same time, will keep you well supplied with fresh snap beans for five or six weeks, according to the season.

No. 203, Loose Seed, pkt., 15 cts.; ½ lb., 25 cts.; lb., 35 cts.

Giant Stringless Green Pod

A decided improvement on Burpee's Stringless Green Pod. Pods are longer and more of them are borne to a bush. Pods are six inches long, round, dark green, and absolutely free from strings or fibre. This is one of the best varieties for the home garden.

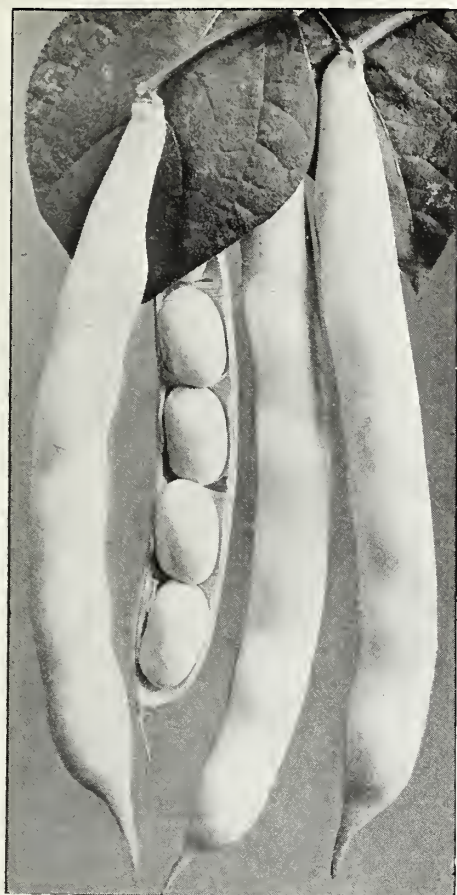
No. 202, Loose Seed, pkt., 15 cts.; ½ lb., 25 cts.; lb., 40 cts.

Refugee or 1000 to 1

The best main crop of late green snap bean. Pods are five and a half inches long, round, light green and slightly curved. They are borne so profusely that there are literally a thousand beans to one bush. Flesh is very tender and meaty, and without strings or fibre. This wonderfully productive bean should have a place in every garden.

No. 204, Loose Seed, pkt., 15 cts.; ½ lb., 25 cts.; lb., 40 cts.

STIMUPLANT
Makes a
WONDER GARDEN



Improved Rustproof Golden
Wax Beans

Hodson Long Pod Wax

Hodson Wax illustrated at the bottom of this page is one of the finest Wax Beans for the garden. Plants are of very vigorous growth, often two to two and half feet in height. They bear a profusion of long, flat, slightly curved creamy yellow pods, which if picked before they are too old are free from strings or fibre. A fine bean for shipping to distant points as it holds up well for a long time after picking.

No. 205, Loose Seed, pkt., 15 cts.; ½ lb., 25 cts.; lb., 35 cts.

Refugee Wax

Plants are strong and vigorous. Pods are rich yellow color, about four and a half inches long and free from strings or fibre. This is an excellent bean for the home garden, when fresh it is unsurpassed for flavor. It is also fine for canning and can be used as a dry shelled bean.

No. 207, Loose Seed, pkt., 15 cts.; ½ lb., 25 cts.; lb., 35 cts.

Rustproof Golden Wax

Pods are golden yellow, slightly flat, but thick and meaty. It is as rustproof as it is possible for the wax bean to be. While best used as a fresh table bean, it also makes a fine dry shelled bean for winter use. Rustproof Golden Wax is one of the finest canning varieties. It holds its color and meaty tenderness well and does not cook down as much as some of the other varieties.

No. 206, Loose Seed, pkt., 15 cts.; ½ lb., 25 cts.; lb., 35 cts.

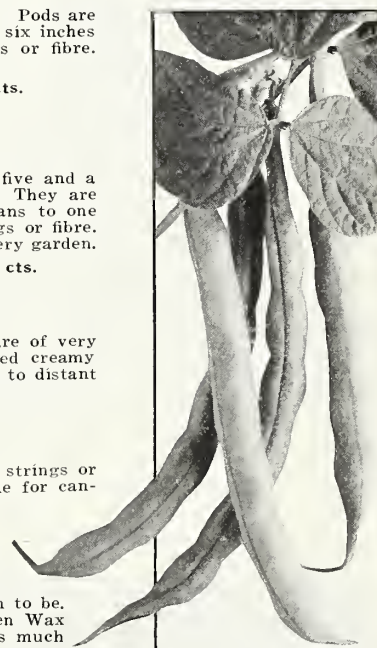
The Giant Stringless Beans I bought of you last spring gave me the biggest crop of tender, fine-flavored Beans I ever had or saw anywhere.—Mrs. HUGH F. GILL-OLLY, Ft. Logan, Mont.

DO NOT PLANT BEANS TOO EARLY

All beans are tender and if planted too early will rot in the ground. This is especially true of Lima Beans, and they should therefore not be planted until the weather has become settled.



Hodson Wax (Note the Productiveness of the Single Plants)



Giant Stringless Beans

Remember We Prepay Shipping Charges on All Seed Orders.



Fordhook Bush Lima Beans

MONEY-SAVING BEAN COLLECTION

In order to give our customers the advantages of quantity buying and at the same time to encourage the planting of different varieties, we offer your choice of any four different varieties of Beans listed on pages 5 to 6 in the quantities and at the special prices listed below.

Collection No. 13

- 4 Fifteen cent packets for 45 cts.
- 4 Half-pound packets for 90 cts.
- 4 Pound packets for \$1.25

Due to the greatly reduced prices of these collections this offer is good only when four separate varieties are ordered. Remember these seeds are sent with all carrying charges prepaid.

Lima Beans are one of the most satisfactory vegetables to grow for summer and fall. Only one planting is necessary, as once the beans commence to ripen, they will bear continuously until killed by the fall frosts. Fifty poles of Pole Lima Beans or 100 feet of row of Bush Lima Beans should be sufficient for a family of five. The seeds are quite tender and will rot quickly in wet cold weather, therefore it is best not to plant them until the weather has become settled. Plant about one and a half inches deep, eye of bean down, six or eight beans to a pole, bush beans four inches apart. Thinning the pole limas out later to three or four plants to a pole, and the bush limas to at least twelve inches apart. The Pole Limas will need to be trained, up the poles at first by tying with soft string.

BEST LIMA BEANS

Early Leviathan Pole Lima

An extra early variety bearing its pods in clusters of from six to eight, making them exceedingly easy to pick. Although one of the first pole limas to come into maturity it bears continuously up until heavy frost. Pods are from five to six inches long, usually containing five large flat beans. Flavor is sweet and buttery. No. 211, Loose Seed, pkt., 15 cts.; $\frac{1}{2}$ lb., 25 cts.; lb. 40 cts.

Challenger Pole Lima

Starts to bear somewhat later than Early Leviathan. Pods are borne in clusters and are about four inches long, usually containing four rather thick, round-shaped beans. Challenger is a late maturing variety, but more than makes up for its lateness in productiveness and flavor. We would suggest that you plant both Early Leviathan and Challenger to be assured of an abundance of beans throughout the season.

No. 210, Loose Seed, pkt., 15 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 45 cts.

Burpee's Bush Lima

Bush Limas are somewhat earlier than the Pole Limas, and for that reason are preferred by some gardeners. They also do away with the necessity of having to secure poles which is often times not convenient. Burpee's Bush Lima has dwarf, slightly spreading growth about eighteen inches in height. Very productive, pods average four inches in length and contain three or four beans. Beans are large and flat, and of excellent quality.

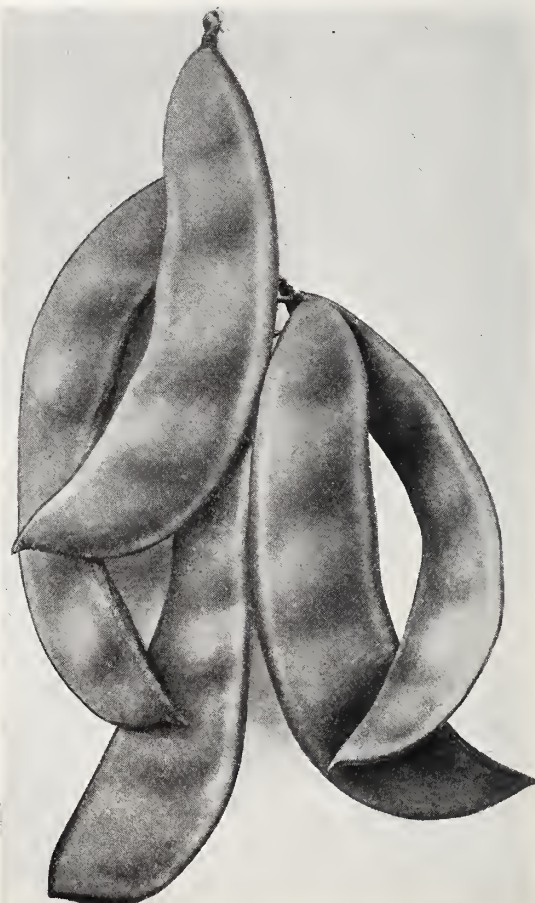
No. 208, Loose Seed, pkt., 15 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 45 cts.

Fordhook Bush Lima

This variety has been a prime favorite with both the market and home gardener ever since it was introduced. More compact and bushy in growth, than Burpee's Bush; but yields slightly heavier. Pods are borne in clusters, are from four to five inches long and contain four to five fat plump beans of excellent quality. Seeds are quite hardy and may be planted somewhat earlier than the pole varieties.

No. 209, Loose Seed, pkt., 15 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 40 cts.

I have been purchasing my seed from both Newark and New York seedsmen for the last fifteen years, and by chance happened to purchase some of your Aster seed last year and am very pleased to say that it was the best I ever had.—WILLIAM FINIGAN, Newark, N. J.



Early Leviathan Pole Limas



Plenty of beans help to make a well-balanced garden

LOCATING YOUR GARDEN

Garden location, although of considerable importance, is overlooked by most people. Many times an odd spot hidden from view is picked, or else any spot that is handy. Some success may be had in these chance locations, but a little care in the selection of the proper place will repay in bounteous crops for the trouble expended.

The ideal location is a sunny spot slightly sloping to the south, well-drained and of rich fertile soil.

All the above requirements are not absolutely essential and with the exception of sun, can be made up for by other arrangements. Most gardens are located at the back of the home grounds. This gives easy access to the kitchen, and makes a desirable location providing that it is not too shaded. If there is a hedge or tall fence at the back, it is better to start the garden out about four or five feet, so that all the plants will have plenty of sun.

Rows should run crosswise, if there is considerable slope to the ground in order to prevent washing.

Ordering by Number Will Help Us to Serve You Better.

CHOICE GARDEN BEETS

Nothing is quite so delicious as the first mess of small beets in the spring. The seed may be planted just as soon as the ground can be worked into a fine loosened condition. Sow seed in drills one-half inch deep and be sure to firm the soil down over the seed, this is absolutely essential to insure quick germination. The seedtape method of planting (see pages two and three), will save you much time and labor and produce beets in quicker time than when seed is sown by hand. Plantings should be made every two weeks to insure a constant supply of young roots. Beets are sweeter and more tender when from one to two inches in diameter. An ounce will sow one hundred feet of row.

Crimson Globe

The best round Beet for general use. A little later in maturing than Extra Early Egyptian, but keeps its flavor for a longer time. Flesh is a rich crimson color, finely grained, tender and sweet.

No. 1, Seedtape, pkt., 10 cts. No. 501, Loose Seed, pkt., 10 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.10.

Extra Early Egyptian

The best extra early Beet. The flat turnip-shaped roots mature quickly, flesh is bright crimson, and very tender, but has a tendency to become stringy with age, therefore we would recommend that only the first two plantings be made with Extra Early Egyptian, and all subsequent plantings with Crimson Globe or Detroit Dark Red for late or main crop.

No. 2, Seedtape, pkt., 10 cts. No. 502, Loose Seed, pkt., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Detroit Dark Red

One of the best sorts for the home garden. Roots are globular, uniform and smooth. Skin is dark red and flesh a rich blood color. Tops are small and dark, greenish red in color.

No. 12, Seedtape, pkt., 10 cts. No. 512, Loose Seed, pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.10.

BRUSSELS SPROUTS LONG ISLAND IMPROVED

A delicious vegetable of the Cabbage family, which is at its best after the fall frosts have killed the other vegetables. Use the same cultural instructions as for late Cabbage.

No. 3, Seedtape, pkt., 10 cts.

No. 503, Loose Seed, pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.30.

SURE-HEADING CABBAGES

Cabbage is so easy to grow and so useful that every garden should have thirty or forty heads each, of an early and late variety. For early Cabbage sow indoors or in a hot bed in February. Drills should be one-fourth to one-half inch deep. When large enough to handle they should be pricked out to stand three or four inches apart each way. If care is taken to harden off the plants by letting them have more and more of the cool spring air they may be transplanted to the garden as soon as the ground can be worked. For fall and winter Cabbage sow seed in May or early June. Early Cabbage need only be fifteen to eighteen inches apart, while the late varieties should be at least two feet apart in the row.

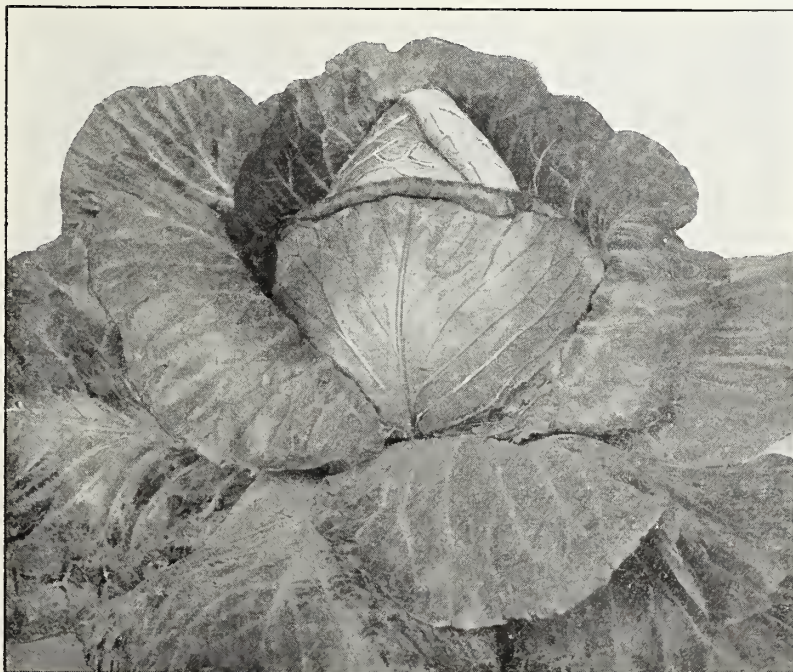
Cabbage is subject to both diseases and insect pests, but where grown on a small scale the diseases are hardly worth troubling with. Insects may be kept in check by using an arsenate of lead solution before the heads have formed and by insect powders afterwards.

Early Jersey Wakefield

One of the best early Cabbages. Heads are pyramidal, and when young are as tasty as Cauliflower. Heads have few outside leaves and so can be planted comparatively close together.

No. 6, Seedtape, pkt., 10 cts.

No. 506, Loose Seed, pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.



Early Jersey Wakefield Cabbage



Extra Early Egyptian Beet

All Seasons

The best all-around Cabbage. When planted early in the spring it lasts well up to fall, and when planted later makes an excellent Cabbage for storing for winter. Heads are large and round and perfectly solid. An excellent shipping and market Cabbage.

No. 5, Seedtape, pkt., 10 cts.

No. 505, Loose Seed, pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.

Premium Flat Dutch

The standard late sort for winter storing. Heads are round and flat and very solid. It is at its best when planted as a late Cabbage in May and June. Though it may be planted at the same time as the early varieties for succession.

No. 7, Seedtape, pkt., 10 cts.

No. 507, Loose Seed, pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.

SPECIAL CABBAGE COLLECTION

For 25 cents we will send you one packet each of the three varieties listed on this page, either Seedtape or loose seed (be sure to state which is preferred). This collection will keep you in Cabbage the year round.

Collection No. 11, 3 Varieties Cabbage Seed, 25 cents.

The Seedtape seems to be new in this locality, but both vegetables and flowers did extra well. The Cosmos were the delight of everyone around this section. I have raised them before, but the frost would take them before they bloomed. They have been the handsomest sight. Some are eight feet tall and are still in bloom. MRS. EMMA M. SIMMONS, Whitman, Mass.

PAKRO SWEET CORN

1	Golden Bantam	Metropolitan	Country Gentleman	Stowell's Evergreen
2	1st Early	2nd Early	Medium Late	Late
3				

Chart for successive planting of Sweet Corn.

Sweet Corn and Lima Beans stand as the best of all summer vegetables. Though you may tire of Beets and String Beans, it is seldom that one ever gets a surfeit of Corn and Lima Beans. The varieties listed below stand at the top for productiveness and eating qualities. Buy all four of them, plant all four of them and then in four weeks time plant all four again and your corn supply for the summer and for winter canning is assured. Order one of the corn Collections listed below.

We advocate planting in blocks in rows as illustrated in the above chart. This insures complete pollination of all the ears. The varieties listed on this page will follow each other in maturing, and if planted at the same time in sufficient quantity, will give a continuous six weeks' supply of Corn for your table. Plant two to three inches deep, thin out to twelve or fifteen inches apart and keep well cultivated. Sweet Corn Seed is tender and should not be planted until the ground is thoroughly warmed. A half pound will plant 100 feet of row. Sweet Corn is not put in Seedtape because of size.

Golden Bantam

Golden Bantam Corn is shown in natural colors on the front cover. It is the sweetest, tenderest and most succulent Corn in existence. Its popularity has so increased that one often finds "Golden Bantam Sweet Corn" listed on the Hotel Menus. Few other vegetables can claim such a distinction. The Pakro strain is pure northern seed, especially grown for us by experts who select only the best stock seed for planting each succeeding year. Ears are from five to six inches long and of a clear golden yellow color. Flavor is very sweet. Very prolific, often bearing two ears to a stalk.

No. 220, Loose Seed, pkt., 15 cts., 2 for 25 cts.; ½ lb., 20 cts.; lb., 35 cts.; 5 lbs., \$1.60.

Metropolitan

An exceedingly fine first early White Sweet Corn. Ears are large, eight to nine inches long, and have from ten to twelve rows. Grain are quite deep, sweet and tender. Closely follows Golden Bantam in order of maturity.

No. 223, Loose Seed, pkt., 15 cts., 2 for 25 cts.; ½ lb., 20 cts.; lb., 35 cts.; 5 lbs., \$1.60.

Country Gentleman

An old-time favorite, once called "Shoe Peg" because of the irregularity of the rows and the similarity of the grains to old-fashioned shoe pegs. A main crop variety ripening about eight days later than Metropolitan. Grains are plump and milky, and very tender and sweet. Very prolific, often bearing three ears to a stalk.

No. 222, Loose Seed, pkt., 15 cts., 2 for 25 cts.; ½ lb., 20 cts.; lb., 35 cts.; 5 lbs., \$1.60.

Stowell's Evergreen

Late or main crop variety maturing about a week later than Country Gentleman.

Ears are large, being eight to nine inches long, and have fourteen to sixteen rows. Grains are narrow, deep, and very sweet and milky. An excellent Corn for ending up the season. It has fine keeping and shipping qualities and is much used by market gardeners.

No. 221, Loose Seed, pkt., 15 cts., 2 for 25 cts.; ½ lb., 20 cts.; lb., 35 cts.; 5 lbs., \$1.60.

Have you a catalog of seeds this year? If so, would be very glad to get one, as we used your seed successfully in Butte, Montana, where the soil is very poor and I know they would be wonderful here, where the soil is exceptionally good.—MRS. GARNET ROGERS, Tulsa, Okla.

Was pleased to receive your catalog. I had such splendid success with the use of your Seedtape but had lost your address and could not order last year. Accept my thanks.—MRS. C. STEVENS, Napanee, Ontario, Canada.

Have had wonderful success with your seeds and it surely makes gardening a pleasure when you know you will be rewarded for your work.—CARL GLAETTLI, Evelyn Heights Farm, Catlett, Va.



Metropolitan Corn

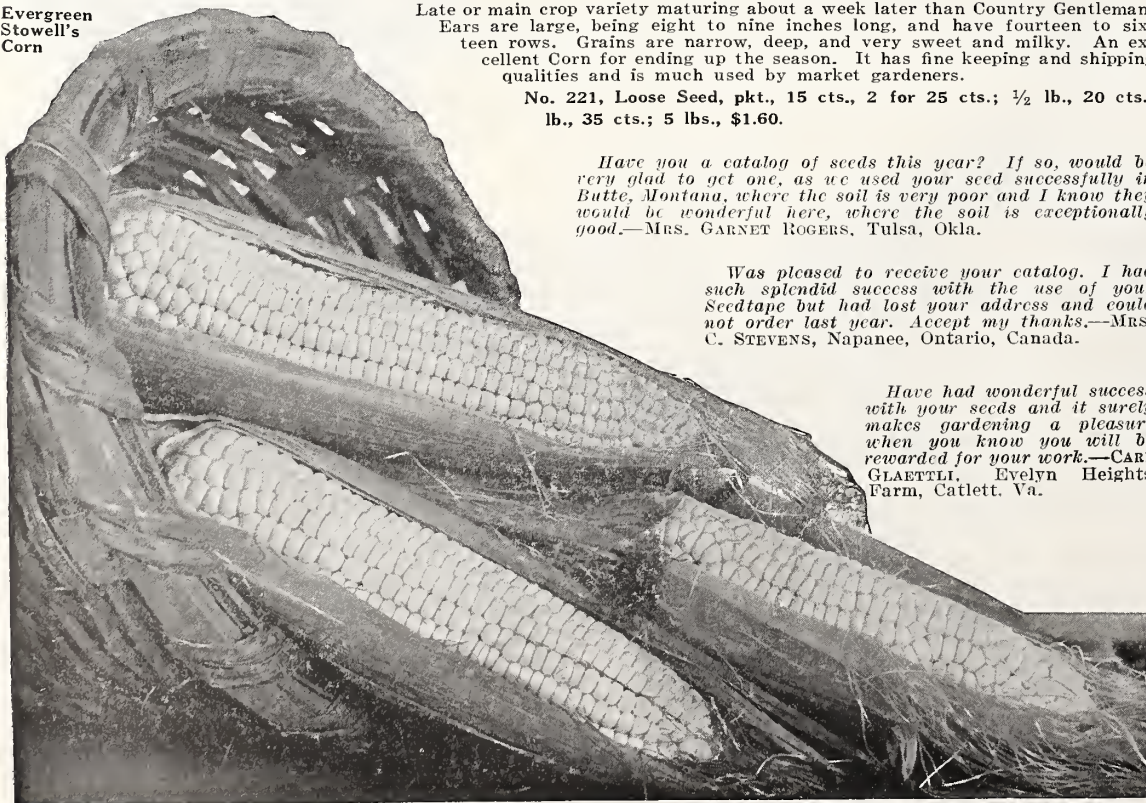


Country Gentleman Corn

Can Your Own Sweet Corn

Home-canned corn is infinitely better than store goods. Don't let any of your corn go to waste. Corn that is a little old to eat makes excellent canned corn.

Evergreen
Stowell's
Corn



Succession Sweet Corn Collection

The four varieties of Corn listed on this page give excellent results when planted at the same time, one following the other so closely in order of maturity that a continuous supply is assured.

COLLECTION NO. 14

- 4 Fifteen cent Packets for 45 cts.
- 4 Half-pound Packets for 70 cts.
- 4 Pound Packets for \$1.20.

This exceedingly low offer is only good when the four different kinds are ordered. It is sent postage paid to your door. No fussing with the Parcel Post zones, weights or guides.

Pakro Seeds Are Grown in Climate Best Suited to Each Variety.

PAKRO CARROT SEED

There is nothing quite so delicious and healthful as tender early spring Carrots creamed and the mature roots may be stored for winter use, when they make a pleasing change from canned goods.

Sow as early as the ground can be worked into a fine condition. Successive sowings should be made to insure a constant supply of small roots. Carrots are more sweet and tender when quite small. The Seedtape method of planting is especially fine for Carrots for it eliminates thinning out to a large degree. Care should be taken when planting Carrots to firm the soil down over the seed to insure quick germination. An ounce will sow 100 feet.

Chantenay

Chantenay is the best all-purpose Carrot. It matures early and at the same time remains tender and sweet for a long time. Roots are about four or five inches long, and two to two and one-half inches in diameter.

No. 9, Seedtape, pkt., 10 cts.

No. 509, Loose Seed, pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

*We prepay
all shipping
costs and
guarantee safe
delivery.*

Danver's
Carrot

Oxheart
Carrot



Cauliflower, Dwarf Erfurt

Danver's Half-Long

Danver's Half Long matures about two weeks later than Chantenay. Roots are two to two and one-half inches in diameter and five or six inches long. While it is a very good table carrot, it is also largely planted for feeding to cattle and chickens in the winter time, the large roots giving a large harvest from a small plot of ground.

No. 10, Seedtape, pkt., 10 cts.

No. 510, Loose Seed, pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

Oxheart or Guerande

An excellent variety for growing in stiff hard soils. Roots are short and blunt, being three to four inches in diameter and about three and a half inches long. Tops are small. Largely used in places where it is not possible to loosen the soil to the depth of four or five inches.

No. 11, Seedtape, pkt., 10 cts.

No. 511, Loose Seed, pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

CAULIFLOWER DWARF ERFURT

Dwarf Erfurt is very similar to the widely advertised "Snowball Cauliflower," and while somewhat later we believe it to be the most reliable variety to grow in the "Home Garden." Although some success can be had in this section (Northern Jersey) in the spring, the best Cauliflower is produced in the fall. Follow same cultural instructions as for late Cabbage.

No. 8, Seedtape, pkt., 10 cts.

No. 508, Loose Seed, pkt., 10 cts.; oz., \$4.00; $\frac{1}{4}$ lb., \$12.00.

CELERY WHITE PLUME

While Celery requires a little more care than most other vegetables; it is not difficult to grow. Seed should be sown in a finely prepared seed bed in February or March, for early Celery, and in April, for late or winter Celery. Sow seed thinly in drills one-half inch deep and when plants are large enough to handle transplant to their permanent bed. Plants should be set eight to ten inches apart in the row. Blanch with earth, boards or paper. White Plume is the best for the "Home Garden," stalks are thick and crisp, and creamy white.

No. 14, Seedtape, pkt., 10 cts.

No. 514, Loose Seed, pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.

CORN SALAD

Large Round

Corn Salad makes an excellent early fall salad when lettuce is sometimes hard to obtain. Plant seed in drills one-half inch deep any time up to the first of September. Plants should be thinned out to stand three or four inches apart in the row. Seedtape will save a lot of time in planting and thinning out.

No. 15, Seedtape, pkt., 10 cts.

No. 515, Loose Seed, pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

Green
Curled
Endive
(page 10)



PAKRO EASY TO GROW CUCUMBERS

Cucumbers are so indispensable for preparing salads in the summer time and for making pickles for winter use, that they should be in every garden. They are very prolific and easy to grow, and there is no reason why you should pay the high prices demanded for them at the stores when a small amount of money expended for seed and a little labor will supply you with better and fresher fruits.

Cucumber seed should not be planted until the last week in May. Sow seed one-half inch deep in hills four feet apart each way. It is best to sow quite a number of seeds to a hill, as insect pests often attack the young plants, thinning out later to the four best plants. Keep the fruit picked even if they cannot all be used; there is no use of the plants giving their strength towards ripening seeds when that strength might just as well go towards developing new fruits. Cucumber seed is not put up in Seedtape because of size.

Cool and Crisp

A second early variety and one of the best for all around purposes, as it bears over an extended time. Fruits are long and dark green and the flesh is crisp and tender.

No. 230. Loose Seed, pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts

Extra Early White Spine

An extra early variety having dark green skin and rather round blunt fruits. Flesh is firm and tender. Being an extra early sort it will not bear throughout the season and therefore is best when planted in conjunction with "Cool and Crisp."

No. 231. Loose Seed, pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.

ENDIVE GREEN CURLED

Endive (see colored illustration on page 9) makes an excellent and "different" salad in the cool fall months. Leaves have a slightly bitter, though pleasing taste. Sow seed any time from April until July in drills one-half inch deep. Thin out to stand four or five inches apart. To blanch, tie the leaves together over the top, but be sure the plants are dry, as they will rot very quickly if tied up when wet. The use of Seedtape will eliminate a lot of thinning out.

No. 16. Seedtape, pkt., 10 cts.

No. 516. Loose Seed, pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts

EGG PLANT BLACK BEAUTY

A dozen Egg Plant plants will keep the average family well supplied, and because of their productiveness for the small amount of space required they should be in every garden. Start indoors in February or March and transplant to their permanent bed when danger from frost is past. Black Beauty is the best sort. It matures early and bears throughout the season.

No. 17. Seedtape, pkt., 10 cts.

No. 517. Loose Seed, pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 75c.

KOHLRABI WHITE VIENNA

Kohlrabi is a very delicious and productive member of the Cabbage family. The edible part is the swollen turnip-like stem, which is borne just above the ground. Seed may be sown as early as the ground can be worked into a good loose condition. Sow in drills one-half inch deep and thin out to stand two or three inches apart. If Seedtape is used no thinning will be necessary. Kohlrabi is of the best quality when about two inches in diameter.

No. 18. Seedtape, pkt., 10 cts.

No. 518. Loose Seed, pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Cool and Crisp
Cucumber

White
Vienna
Kohlrabi

Black
Beauty
Eggplant

Dwarf
Curled
Scotch
Kale

KALE

DWARF CURLED SCOTCH

A very fine fall and winter vegetable. The leaves are finely wrinkled and curled and have a taste resembling Cabbage. Plant out-of-doors in May or June. Sow seed in drills one-half inch deep, thinning out later to eight or ten inches apart. Frost will not kill Kale, but will give it a better flavor; it may even be dug out from under the snow and eaten.

No. 19. Seedtape, pkt., 10 cts.

No. 519. Loose Seed, pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

LEEK

LARGE FLAG

Leek resembles an Onion in form of growth, though the flavor is somewhat milder. Seed may be sown at any time after the frost is out of the ground. Blanch by pulling up the soil on all sides of the plants.

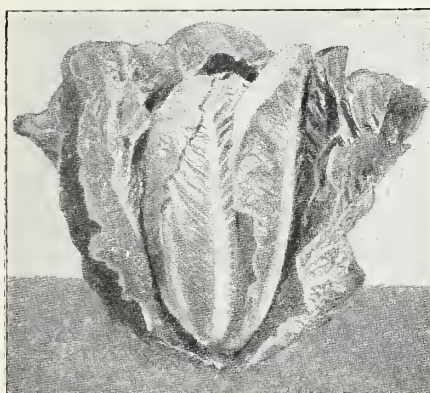
No. 20. Seedtape, pkt., 10 cts.

No. 520. Loose Seed, pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

PAKRO QUALITY LETTUCE SEED



Salamander Lettuce



Trianon Cos Lettuce

Salamander

Salamander or Black Seeded Tennis Ball as it is now more generally called, is one of the oldest varieties of Lettuce. It has held its favor for more than a hundred years, due to its wonderful qualities. Heads are fairly large and solid. Outside leaves are light green, inner leaves blanched. Salamander does well in all seasons.

No. 25, Seedtape, pkt., 10 cts.

No. 525, Loose Seed, pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.

Trianon Cos

The leaves of Trianon Cos Lettuce are spoon shaped (See color plate inside front cover). Forms well-shaped oval heads. The inner leaves are finely blanched. Flavor is somewhat bitter, like a dandelion, but never-the-less pleasing. An excellent Lettuce to serve with salads and for garnishing, due to the peculiar shape of the leaves.

No. 24, Seedtape, pkt., 10 cts.

No. 524, Loose Seed, pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.

Seedtape Simplifies Lettuce Planting

Lettuce seed, when loose, is quite difficult to distribute evenly in the row, in some places it will be much too thick and in others too thin. With Seedtape the seeds are spaced evenly for the full length of the row. You just plant the tape at the proper depth (about a half inch), cover with soil and firm down. Some little thinning out will be necessary as we must put enough seed in each space to insure at least one coming up, but they need not be thinned until big enough to pull for bunch lettuce or for transplanting. If bunch lettuce or plants for transplanting are not desired, the thinning out may be readily done with a hoe as the plants are evenly spaced.

Instead of being strictly a summer dish, Lettuce has now become a year round vegetable and many hundreds of acres of it are grown each year throughout the entire country. Lettuce seed may be sown in the open ground just as soon as the soil can be worked into a good loose condition. Also the seed may be started indoors in boxes or in a hot bed and transplanted as soon as conditions permit. Sow the seed thinly in drills one-half inch deep and thin out when the plants have reached a size large enough to handle to at least three inches between plants. To produce the finest heads of Lettuce they must have plenty of room and eight to ten inches between plants is not too much. Seedtape is especially fine for Lettuce as seed planted in this manner will not require thinning out until the plants have reached a size such as can be used for bunch Lettuce. The varieties listed on this page were especially selected for sure heading qualities and for their edibility. Lettuce should be sown every three weeks during the summer for succession. An ounce will sow 100 feet of row.

Big Boston

The growing of Big Boston Lettuce is so general throughout the country that it ranks a close second to Golden Bantam Sweet Corn in being known to more people than other vegetables. The heads are large and round, light green outside and a golden yellow in the center. It is a sure header and stands long shipping well.

No. 22, Seedtape, pkt., 10 cts.

No. 522, Loose Seed, pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.

Black Seeded Simpson

Black Seeded Simpson (See color plate inside front cover) is almost as popular among growers as Big Boston, though not so well known to the general public. It is a loose heading variety, leaves being very crumpled and blistered and forming a small head at the center. Its quality is excellent, being very sweet and crisp.

No. 23, Seedtape, pkt., 10 cts.

No. 523, Loose Seed, pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.

Mignonette

Mignonette is one of the finest of the very early Lettuces. The flavor is exceedingly sweet and the leaves are very tender. Outside leaves are deep green with a reddish tinge at the edges. The heart is creamy white. The heads are small and so can be left somewhat closer than the large Cabbage heading varieties.

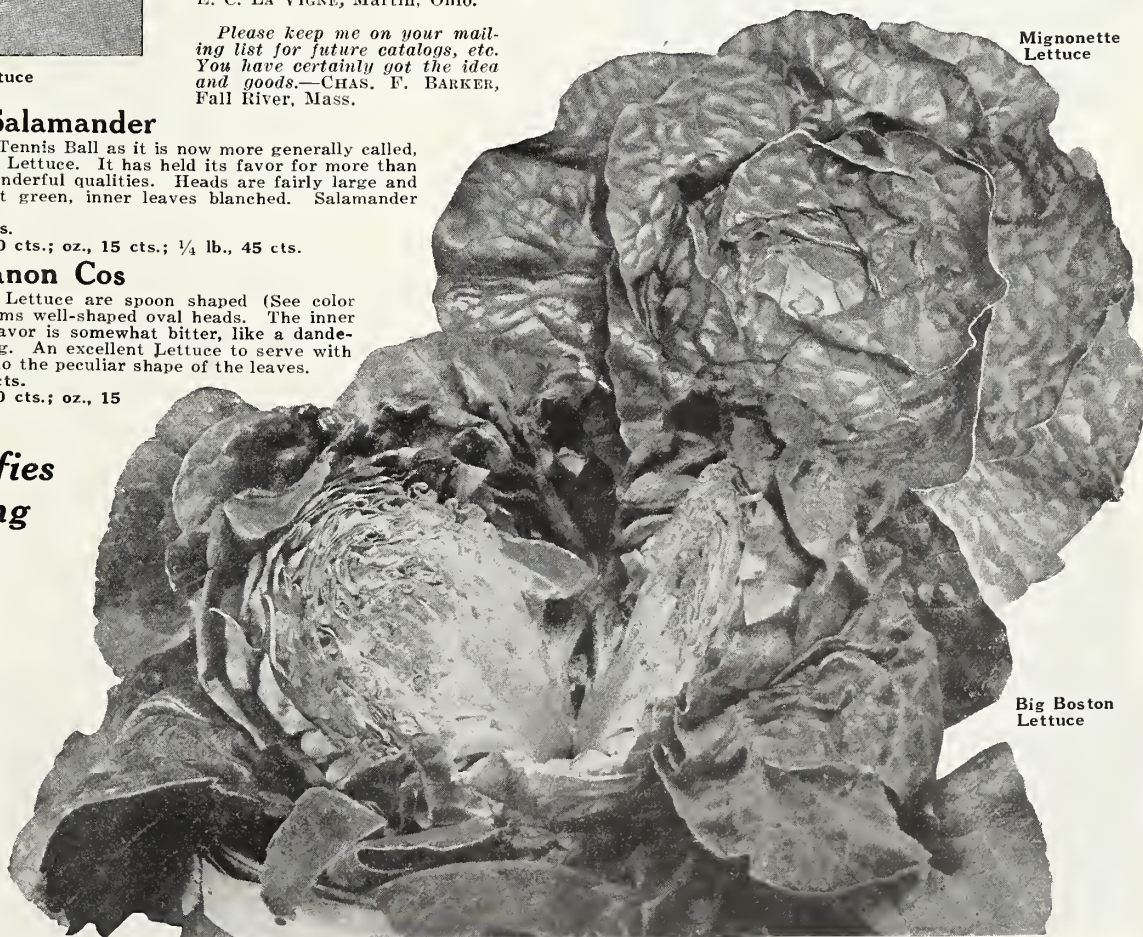
No. 21, Seedtape, pkt., 10 cts.

No. 521, Loose Seed, pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.

I have planted your tape and seed also for three years and have had splendid results. Will plant them this Spring again.—Mrs. E. C. LA VIGNE, Martin, Ohio.

Please keep me on your mailing list for future catalogs, etc. You have certainly got the idea and goods.—CHAS. F. BARKER, Fall River, Mass.

We have found your seed excellent, especially the Seedtape.—ROBERT WILSON, Little Falls, N. J.

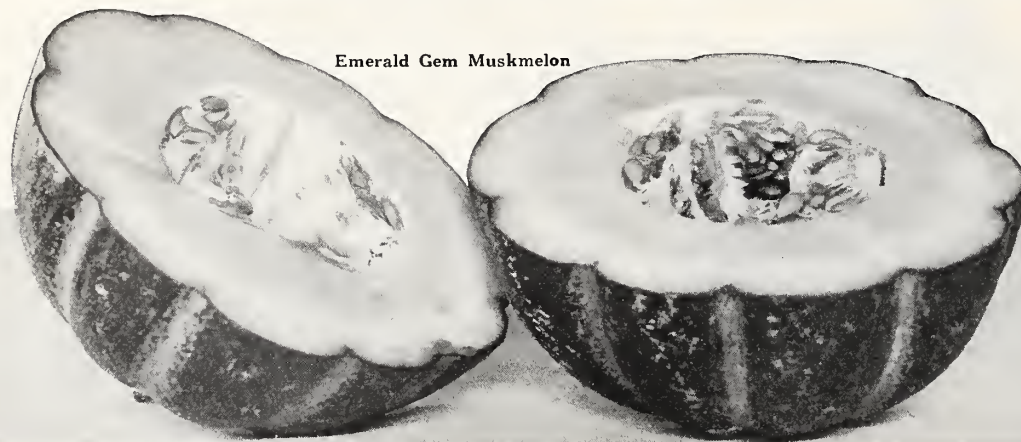


Mignonette Lettuce

Big Boston Lettuce

Pakro Seedtape and Loose Seeds Are of the Same High Quality.

PAKRO DELICIOUS MELONS



Emerald Gem Muskmelon

Facts About the Growing of Muskmelons

The Muskmelon, like the cucumber, thrives best in sandy soil and a dry atmosphere. Care should be taken, however, not to plant them in the vicinity of cucumbers, squashes, gourds, or pumpkins, for the melons will almost invariably partake of their flavor more or less and produce fruit that is practically tasteless. Sow the last of spring or early summer. Hills should be light, rich soil, 4 ft. apart, allowing 3 plants to each hill. After 1 foot long, pinch off points of shoots. This makes them stronger, more productive and earlier.

Extra Early Hackensack Muskmelon



MUSKMELONS

Muskmelons vie with peaches in the late summer and early fall as to which is the favorite and both are delicious if you can get them fresh. Unfortunately, we cannot all have peach trees in our back yards but we can have muskmelons, and no ice-cooled hotel melon was ever so sweet and tasty as one picked fresh from your own garden with the dew still on it.

Do not plant the seeds until all danger from frost is past. Plant seeds one-half inch deep in hills four feet apart each way. When plants are four or five inches high, thin out to the best three or four plants. Muskmelons require a rich soil and, if convenient, holes should be dug six or eight inches deep filled with well rotted manure and covered with soil. Make the hills on these especially prepared spots and after the manure has stopped heating, plant the seeds. The striped Cucumber Beetle will attack the small plants. It is therefore advisable to plant quite a number of seeds to a hill to be assured of three or four good plants. Land Plaster dusted on the plants will help to keep these pests in check. Muskmelon seed is not put in Seedtape because of size.

Emerald Gem

Skin is a rich dark green, slightly netted. The flesh is salmon colored, sweet, juicy and very tender. It is one of the earliest melons to ripen. An excellent sort for nearby markets. It's too tender, however, for distant shipping.

No. 242, Loose Seed, pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.

Extra Early Hackensack

An extra early green fleshed melon. Fruits are heavily netted, ribbed and flattened at the ends. The melons are large in size, often weighing five or six pounds. Flesh is sweet and tender.

No. 241, Loose Seed, pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.

Rocky Ford

An oblong late or main crop melon. Flesh is green and exceedingly sweet and tender. Stands shipping well and will keep for a long time after ripening. This is one of the main varieties grown by market gardeners.

No. 240, Loose Seed, pkt., 10 cts.; oz., 15 cts.; ¼ lb., 50 cts.

WATERMELONS

Watermelons were more popular last year than ever. They are delicious, healthful, easy to grow and should be in every garden. Use the same cultural directions as for Muskmelons, excepting that the hills should be six or eight feet apart.

Sweetheart

Sweetheart is one of the best round melons. Fruits mature early. Skin is light green, slightly mottled. Flesh is solid and bright red in color. Sweetheart is one of the finest flavored Watermelons.

No. 271, Loose Seed, pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.

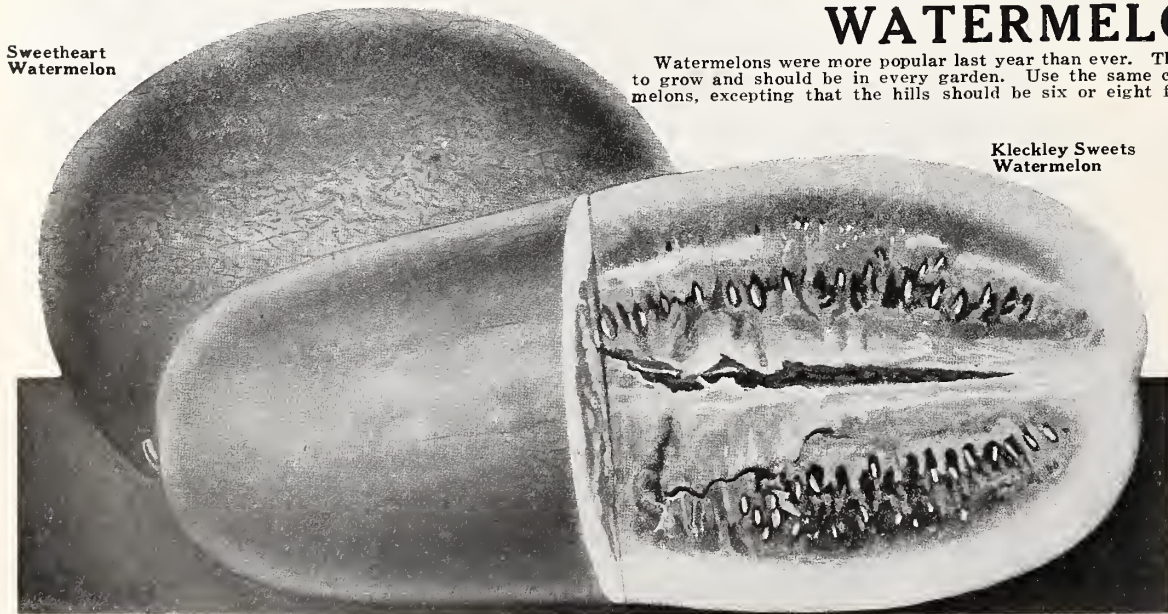
Kleckley Sweets

We believe Kleckley Sweets to be the best Watermelon for growing in the home garden. Melons are of large size, about eighteen inches long and ten inches in diameter. Matures early and therefore one of the best for northern sections. Skin is dark green. Flavor is excellent. Flesh is bright red in color.

No. 270, Loose Seed, pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.

Kleckley Sweets Watermelon

Sweetheart Watermelon



ONIONS FROM SEED

The Onion is another all year round vegetable and one becomes so used to seeing them in stores at all seasons of the year that it is a wonder everybody does not realize that a year's supply can be grown in the home garden.

Onions are not difficult to grow from seed and, although the sets are handy to plant for spring scallions, still the Onions produced from sets do not keep nearly so well as those produced from seeds and do not have so fine a flavor.

Their culture is the simplest. Sow as early in the spring as the ground can be worked into a fine, loose condition. Seed should be sown in drills not more than one-half inch deep. When large enough, thin out to stand at least one inch apart, and as Onions are pulled during the summer do not pull straight up the row, but pull every other one. This allows those remaining to mature to their full size for winter storing. Sometimes Onions will show a tendency to shoot to seed. This can be prevented by bending over the tops when they are about a foot high. We cannot recommend too strongly the planting of Onions with Seedtape, as the even spacing of seeds in Tape, makes it very easy to do what little thinning out is necessary.

Prizetaker

One of the largest Onions that can be grown successfully in this section. Bulbs are round, fairly flat, and measure from three to four inches in diameter. Outer skin is straw color, flesh is white. Flavor is exceedingly mild and sweet, and so makes a delicious Onion for boiling and for salads. Matures late and keeps well through the winter.

No. 29, Seedtape, pkt., 10 cts.
No. 529, Loose Seed, pkt., 10 cts.; oz., 25 cts.; ¼ lb., 80 cts.

Red Wethersfield

Red Wethersfield is the best flat red Onion. Flesh is tinged with red and has a very strong pungent Onion flavor. Bulbs are hard and will keep well for a long time. This is an excellent Onion to use for flavoring and for making pickles.

No. 55, Seedtape, pkt., 10 cts.
No. 555, Loose Seed, pkt., 10 cts.; oz., 25 cts.; ¼ lb., 70 cts.

Southport Red Globe

Southport Red Globe is the handsomest red Onion grown. Bulbs are perfectly globe-shaped and purplish red in color. Inner flesh is tinged red and has a strong pungent flavor. This variety is much used by market gardeners due to its keeping and selling qualities.

No. 56, Seedtape, pkt., 10 cts.
No. 556, Loose Seed, pkt., 10 cts.; oz., 30 cts.; ¼ lb., 80 cts.

Southport White Globe

Originated in Connecticut, it is now widely grown throughout the entire country. Bulbs are perfect globe-shaped, very large, heavy and solid. Outer skin is pure white; flesh is white and firm. Flavor is very sweet and pleasing.

No. 30, Seedtape, pkt., 10 cts.
No. 530, Loose Seed, pkt., 10 cts.; oz., 30 cts.
¼ lb., 80 cts.

Southport
Red Globe
Onion

Put in plenty of
Onions. You can use
them all winter.

Easy on Back, Clothes, Temper

Planting PAKRO SEEDTAPE is easy on the back, clothes, temper. You do not have to double yourself up like a jack-knife; your clothes do not get soiled; and you do not have to replant, or transplant, because the seeds germinate and are the correct distance apart.

From two packets of Seedtape Onion Seed we raised 56 pounds of beautiful Onions, very few small and many as large as many prize Onions.—JAMES GONDARD, Portsmouth, N. H.



Spring
Scallions
from
Pakro
White
Portugal
Seed

Southport Yellow Globe

By many gardeners this is considered the best of yellow Onions. In size it varies from medium to large. The skin is yellow and flesh pure white. It is perfect globe-shaped; the Yellow Globe is very salable, and as a keeper, it has few superiors. We advise trying this among others this spring.

No. 57, Seedtape, pkt., 10 cts.
No. 557, Loose Seed, pkt., 10 cts.; oz., 25 cts.; ¼ lb., 80 cts.

White Portugal

There is no general market or home garden variety that makes a more delightfully flavored "scallion" or young boiling Onion than White Portugal, or Silverskin, as it is sometimes called. It is the prime favorite for pickling. Bulbs are pure white, both as to skin and flesh, and the flavor is sweet and mild. It is too tender to store for winter use but makes an excellent summer Onion. This variety is illustrated in colors on inside front cover.

No. 27, Seedtape, pkt., 10 cts.
No. 527, Loose Seed, pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.00.

Yellow Globe Danvers

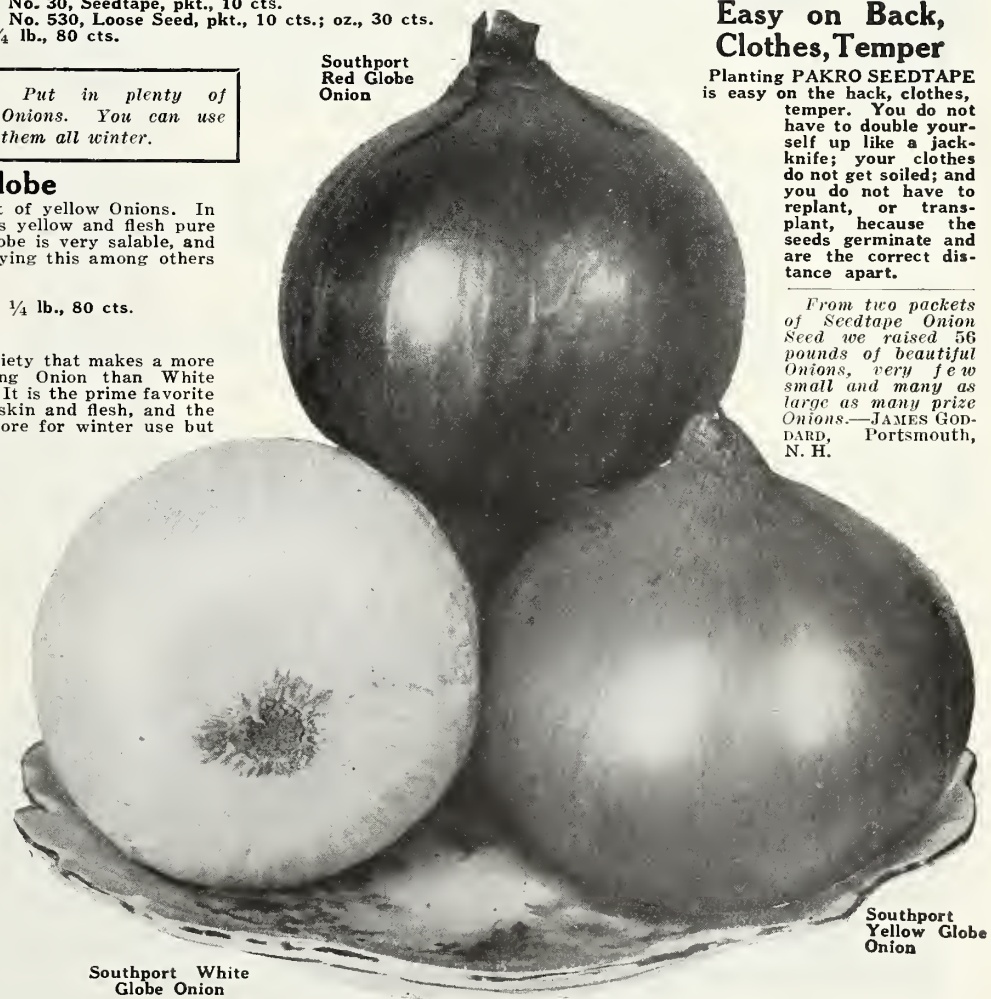
This is the most popular and most extensively grown variety of Onion, being of attractive and uniform shape, mild, but full flavored, rapid in maturing, and an exceptionally good keeper. It is a beautiful straw-color, with a very small neck and clean, solid flesh throughout. Its shape is nearly round.

No. 28, Seedtape, pkt., 10 cts.
No. 528, Loose Seed, pkt., 10 cts.; oz., 30 cts.; ¼ lb., 80 cts.

OKRA WHITE VELVET

Okra, or Gumbo, as it is sometimes called, is a delicious vegetable, being used for soups and canning, and is also excellent when stewed and served with butter. White velvet pods are round and smooth, extremely tender and abundantly produced. Do not plant the seeds until the ground has become thoroughly warmed. Plant in drills one inch deep and thin out to stand six or eight inches apart.

No. 26, Seedtape, pkt., 10 cts.
No. 526, Loose Seed, pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.



Southport
Yellow Globe
Onion

Southport White
Globe Onion

All Gardening Questions Cheerfully Answered. Write Us!

GARDEN PEAS

Peas have always been the favorite early summer vegetable partly because they can be planted very early and therefore can be had early, partly because they are very easy to grow; but mostly because of their delicious flavor. Canned Peas or store Peas can never equal those that you grow, care for, and pick yourself.

Peas may be planted any time from after the frost is out of the ground, until the first of August. We would advise, however, that they be planted only up to the first of July, as the heat and humidity of August does not make for fine Pea crops. Sow the seeds in drills two to three inches deep. Rows should be at least two and a half feet apart. A good plan is to plant them (especially the dwarf growing sorts) in double rows, that is, two rows ten or twelve inches apart, then a space of three feet and then two more rows ten or twelve inches apart. This saves space and the two rows will help to support each other. The tall growing sorts, such as the Telephone, should have supports of some kind to keep them off the ground; the cheapest and best support is brush, although string or wire may be used.

The Pakro strain of Peas is in a class by itself. The six varieties listed were selected after viewing hundreds of trials of different varieties and we firmly believe that they are the six best sorts both for the home garden and for commercial growers.

You will find that our prices compare favorably with those of our competitors, although we do not take their prices into consideration in making up ours. We buy the best there is and make our prices accordingly. You cannot buy better Peas at any price than those offered on this page. Peas are not put in Seedtape because of size.

Champion of England

This is a green wrinkled variety, justly famous for its superb quality and tender and rich marrow-like flavor. The pods are of medium size, but well filled. It is a very tall grower, averaging about four feet in height and needs plenty of support. The germ of this Pea is extremely delicate, and if the weather be wet or damp for several days following the planting, the seed will almost invariably rot. Plant smooth Peas for first earlies and the wrinkled Peas for later crops.

No. 253, Loose Seed, pkt., 15 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 40 cts.; 5 lbs., \$1.80.

Earliest of All

The finest extra early Pea. Seeds are smooth and hardy and may be planted just as soon as the ground can be worked into a good condition. Plants are dwarf and bushy in growth and literally covered with pods. This is an excellent variety to plant for a first early, as the pods all mature at practically the same time, and so gives an abundance of Peas when you most want them.

No. 254, Loose Seed, pkt., 15 cts.; $\frac{1}{2}$ lb., 20 cts.; lb., 35 cts.; 5 lbs., \$1.50.

Gradus

We have never eaten Peas that were sweeter or of finer quality than Gradus. Gradus is a tall growing, wrinkled extra early. The seed, though wrinkled, is quite hardy and may be planted very early. Vines are tall and may be supported by brush, but it is not necessary. Pods are borne singly all over the vine from bottom to top, are about four inches long and contain six to eight Peas. One of the finest Peas for the home garden.

No. 250, Loose Seed, pkt., 15 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 40 cts.; 5 lbs., \$1.80.

Little Gem

A dwarf-growing, wrinkled extra early Pea. Vines are of dwarf growth, about 15 inches in height, and bear a profusion of pods. Pods are about two and one-half inches long and usually have from five to six fat, plump Peas of excellent flavor. Seeds are wrinkled and should not be planted until the weather has become settled. This variety is a favorite with home gardens because of its flavor and productiveness.

No. 255, Loose Seed, pkt., 15 cts.; $\frac{1}{2}$ lb., 20 cts.; lb., 35 cts.; 5 lbs., \$1.60.

Nott's Excelsior

Nott's Excelsior is a dwarf early. Plants are very dwarf, scarcely exceeding twelve inches in height. It is very productive, however, and bears a profusion of pods throughout an extended period, three and even four pickings are not unusual. Pods are about three inches long, blunt and round, and contain from five to six light green, round Peas of excellent quality. Many of our customers like this variety so well that it is the only one they plant.

No. 252, Loose Seed, pkt., 15 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 35 cts.; 5 lbs., \$1.60.

Telephone

One of the oldest varieties of Peas in this country. And although many varieties have been introduced to supercede it, it still remains the standard late fall variety. Exquisite in flavor, it produces pods of prodigious size filled to bursting with Peas. The vines fairly bend with the weight of the crop. Vines are about five feet high, but are not heavy of themselves and need comparatively little support. This makes an ideal main crop variety and is strongly recommended for the home garden and for shipping.

No. 251, Loose Seed, pkt., 15 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 40 cts.; 5 lbs., \$1.80.

Succession Pea Collection

If you plant the four varieties of Peas listed below on the same day you are assured a supply of Peas for a period of from five to six weeks, depending on the season.

Collection No. 15

Earliest of All (No. 254)

Gradus (No. 250)

Nott's Excelsior (No. 252)

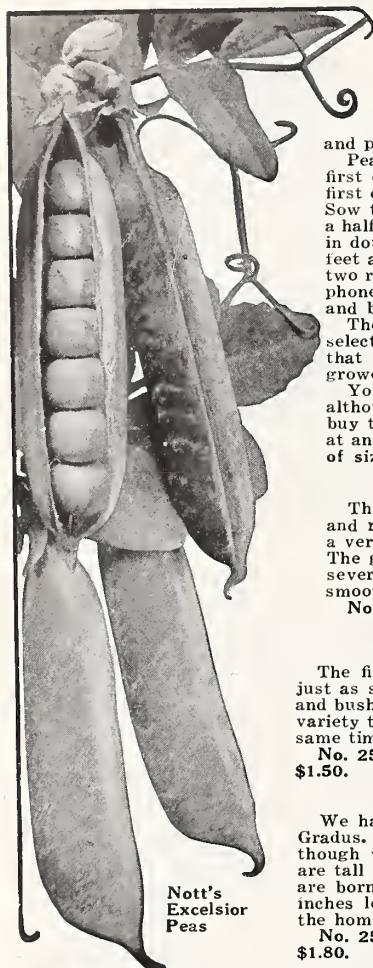
Telephone (No. 251)

1 pkt. of each of the above, 50 cts.

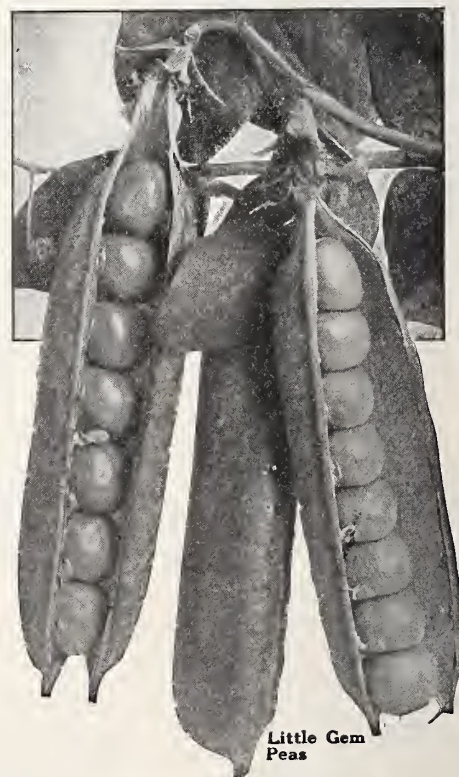
$\frac{1}{2}$ lb. of each of the above, 85 cts.

1 lb. of each of the above, \$1.30.

Delivered to you all charges paid



Nott's
Excelsior
Peas



Little Gem
Peas



Telephone Peas

Guaranteed Seeds

Remember if any seeds you buy from us at any time are not absolutely satisfactory, we will refund the money.

Inoculation Will Increase Your Pea Crop. We Recommend Farmogerm.

PARSLEY DOUBLE CURLED

Parsley is so generally used for flavoring and garnishing that it needs no description. Our strain of Double-Curled is very fine. Leaves are curled and wrinkled and borne well off the ground. Plant as early in the spring as the ground can be worked. Sow seed in drills one-half to one inch deep. The use of Seedtape greatly simplifies the sowing of Parsley.

No. 31, Seedtape, pkt., 10 cts.

No. 531, Loose Seed, pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

PARSNIP HOLLOW CROWN

An excellent vegetable that may be left in the ground all winter, in fact freezing improves the flavor. Sow in drills one-half to one inch deep. Hollow-Crown is the standard variety and our strain is noted for its exceptionally long smooth roots. To produce the best Parsnips it is necessary to loosen the soil to a depth of at least ten inches. Seedtape will practically eliminate thinning out.

No. 33, Seedtape, pkt., 10 cts.

No. 533, Loose Seed, pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.

PAKRO PEPPERS

Sow indoors or hot bed in March and transplant to open ground after danger from frost is past. Plants should stand 15 to 18 in. apart in rows. Usually not troubled by insect pests or diseases

Pimiento

Pimiento is an excellent pepper for stuffing or for use as pimiento. Fruits are of fair size and heart shaped. Flesh is thick and sweet and a rich scarlet when ripe. Skin is easily peeled off by scalding.

No. 36, Seedtape, pkt., 10 cts.

No. 536, Loose Seed, pkt., 10 cts.; oz., 55 cts.; $\frac{1}{4}$ lb., \$1.75.

Large Bell

Fruits are two to three inches in diameter and five to six inches long. Although generally classed as a sweet pepper, it is quite pungent though not unpleasantly so. Fruits are a rich red when ripe. Flesh is very meaty and tender. A fine pepper for stuffing or for use in pickles.

No. 35, Seedtape, pkt., 10 cts.

No. 535, Loose Seed, pkt., 10 cts.; oz., 55 cts.; $\frac{1}{4}$ lb., \$1.75.



Parsley, Double Curled

RELIABLE RADISH SEED

What is more appetizing in the spring or early summer than a dish of cool, crisp and tender Radishes. To produce such Radishes they must grow quickly. Select the sunniest and most fertile part of your garden. Dig up as soon as possible into a fine smooth seed bed. Sow the Radish seed in drills one-half inch deep. For quick growth it is essential that the seed is not sown too thickly. Try Seedtape in which seeds are evenly spaced, and so spaced to insure the quickest growth and you will be surprised at the crispness and tenderness of the roots. We have seen Radishes grown from Seedtape that were big enough to eat in eighteen days. Make sowings every two weeks for succession.

French Breakfast

One of the most popular of the early Radishes. Roots are olive shape, bright red at the tops with a white tip. When bunched they make a most attractive appearance and always find a ready market. Flesh is clear white, exceedingly tender, and very crisp. Sow every two weeks for a succession.

No. 37, Seedtape, pkt., 10 cts.

No. 537, Loose Seed, pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.

White Icicle

Roots are a clear pure white, one-half to an inch in diameter and about four inches long. Though a quick grower it remains tender and crisp for a long time. The use of Seedtape will insure long smooth roots of uniform size.

No. 38, Seedtape, pkt., 10 cts.

No. 538, Loose Seed, pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

Long Scarlet

Roots are about three quarters of an inch in diameter and five to six inches long. Color is a brilliant scarlet. Flesh is pure white, mild, crisp and tender.

No. 39, Seedtape, pkt., 10 cts.

No. 539, Loose Seed, pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.

Scarlet Turnip White Tip

Roots are turnip-shaped, brilliant red with a white tip at the bottom. Flesh is white and crisp and the flavor is very mild. This variety is always in demand, as due to its very attractive appearance it is much used by market gardeners.

No. 40, Seedtape, pkt., 10 cts.

No. 540, Loose Seed, pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.



Large Bell Pepper

French Breakfast Radishes

Icicle Radishes

Seedtape Will Help You To Grow the Finest Radishes

PAKRO LONG STANDING SPINACH

Sow seeds as early in the spring as the ground can be worked, in drills one-half inch deep, or the seed may be broadcasted on a finely prepared seed bed and raked in. The use of Seedtape will insure the plants being evenly spaced. Long Standing is one of the best all-around varieties. Leaves are thick and crumpled and dark green in color. Will stand for a long time before shooting to seed.

No. 43, Seedtape, pkt., 10 cts.

No. 543, Loose Seed, pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.

SUMMER SQUASH

Squash is another very useful and economical vegetable to grow in the home garden. It is delicious prepared in many different ways and four or five hills is enough for the average family.

Sow seed in early May in hills four feet apart each way. As with cucumber it is better to sow plenty of seed and thin out to the four best plants. Squash seed is not put in Seedtape because of size.

White Bush

Fruits are white, round and scalloped. Plants are of dwarf bushy growth. Fruit is firm but not thick. Flesh is tender and of fine quality.

No. 260, pkt., 10 cts.; oz., 25 cts.; ¼ lb., 65 cts.

Giant Crookneck

Plants are of dwarf bushy growth. Fruits are long, slightly curved or crooked. Rind is a rich orange yellow. Flesh is rich cream color and very sweet and tender. This variety is largely used for slicing and fried as Eggplant.

No. 261, pkt., 10 cts.; oz., 25 cts.; ¼ lb., 65 cts.

SWISS CHARD SILVER-LEAF

Swiss Chard or Spinach Beet, as it is sometimes called, is one of the most satisfactory and economical vegetables to grow in the home garden. A row forty feet long will supply the average family with greens all summer. Sow seed in early spring in drills one inch deep, thinning out later to stand three or four inches apart. Seedtape is excellent for Swiss Chard. Silver Leaf has fine dark green crumpled leaves with a white midrib.

No. 46, Seedtape, pkt., 10 cts.

No. 546, Loose Seed, pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.

TURNIPS AND RUTABAGA

Grow some late Turnips and Rutabaga in your garden this year and store them for winter use. You will be surprised how much more tasty a dish of fine boiled Turnips with a little butter on them are, than canned goods. They will help to give a variety to your table. Early summer Turnips are also fine; plant some.

For early spring use sow seed in April and pull as soon as the roots are of suitable size. For fall and winter use sow in July or early August. Turnips if planted from loose seed must be thinned out to stand two or three inches apart, if planted with Seedtape only an occasional plant here and there will need to be pulled out. Turnips and Rutabaga may be kept all winter in a cool dry cellar where there is no danger of their freezing.

Early White Milan

An extra early summer Turnip. The best variety for planting in April. Roots are flat, pure white, of fine quality. Flesh is waxy white and contains no hard core, and is sweet and tender. Due to its earliness it is one of the largest selling turnips for summer use.

No. 52, Seedtape, pkt., 10 cts.

No. 552, Loose Seed, pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.

Purple Top Strap Leaf

Purple Top Strap Leaf is an old standard variety of Turnip that has held its popularity for years. Roots are flat and quite large. The lower part is white, while the top is a distinct purple. Ripens somewhat later than Early White Milan, and is largely used as a fall or winter Turnip. It is one of the easiest Turnips to grow and is frequently sown broadcast in the garden or field crops at the last cultivation and pulled in late fall.

No. 53, Seedtape, pkt., 10 cts.

No. 553, Loose Seed, pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.

Purple Top White Globe

A medium early Turnip of fine quality. Roots are globular, white with a purple top. Flesh is white, crisp and tender. Due to its attractiveness this variety is largely grown by market gardeners as late Turnip, as it always finds a sale and keeps well through the winter.

No. 54, Seedtape, pkt., 10 cts.

No. 554, Loose Seed, pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.

Improved Purple Top Rutabaga or Swede

Rutabaga or Swede, as they are sometimes referred to, are preferred to Turnips in some sections. The roots of Improved Purple Top are yellow with a purple top and globular in shape. Flesh is yellow and has a sweet and somewhat buttery taste. It takes somewhat longer to mature than the Turnips and therefore should be planted earlier.

No. 41, Seedtape, pkt., 10 cts.

No. 541, Loose Seed, pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.

We as you know have had marked success with your taped seed at various times, including the very first tape you produced, which we tried out in Huntington, many years ago.—HAL. B. FULLERTON, Director of Agriculture, Long Island Railroad Company, Medford, L. I.



White Bush and
Giant Crookneck Squash



Early White
Milan Turnip



Purple Top
White Globe Turnip

FINEST TOMATOES

It is not so many years ago that Tomatoes were looked upon as being poisonous, and were grown only for ornamental purposes. At the present time, however, they form one of our most important foods and thousands of acres are devoted solely to growing this delicious garden fruit.

Although one will find many different varieties offered, we have selected five that we believe to be the best as to quality of the fruit and productiveness.

A few Tomatoes of an early variety should be started indoors in early March. Tomatoes for the main crop may be started in April. Sow seed in flats, in drills one-half inch deep, and when large enough to handle, transplant to small pots or to other flats, so that there is at least two inches each way between plants. When all danger from frost is past, transplant to their permanent bed out doors. Where the space is limited, the vines may be trained up on stakes or small trellises. The advantage of Seedtape is that the seeds are spaced to insure the maximum amount of growth up to the time they are to be planted out of doors.

Be careful to watch for green tomato worms, especially when the plants are young, as these worms are heavy eaters and in a short time will strip all the leaves from a tomato plant.

Beauty

Beauty is a mid-season variety. Fruits are large and smooth, no cracks or wrinkles. Color is a purplish pink. Flesh is sweet and firm and stands shipping well. Entirely free from core and has only a few seeds.

No. 48, Seedtape, pkt., 10 cts.

No. 548, Loose Seed, pkt. 10 cts.; oz., 30 cts.; ¼ lb., \$1.00.

Earliana

Earliana is without exception the best early tomato. Plants are very productive, but only bear through a short season, so should be planted in conjunction with one of the main crop varieties. Rich Scarlet in color, free from cracks and with no core. Fruits are borne in clusters and are of excellent quality.

No. 47, Seedtape, pkt., 10 cts.

No. 547, Loose Seed, pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.30.

June Pink

June Pink is a pink-skinned and pink-fleshed extra early, but unlike many extra earlies it bears continuously up until frost. The fruits are most attractive, being large, nearly round and very solid. Flesh is firm, contains very few seeds and is absolutely coreless. Fruits are borne in clusters of from six to eight.

No. 51, Seedtape, pkt., 10 cts.

No. 551, Loose Seed, pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.

June Pink
Tomato

Ponderosa

Ponderosa is extremely large in size and though unsuitable for market, due to the irregularities in some of the fruits, it is nevertheless an excellent variety for the Home Garden. Color is a purplish red. Flesh is firm and solid and contains but few seeds. Very fine for canning.

No. 49, Seedtape, pkt., 10 cts.

No. 549, Loose Seed, pkt., 10 cts.; oz., 55 cts.; ¼ lb., \$1.75.

Stone

Stone is a main crop variety of exceptional merit and has long been the standard variety of the commercial canner and market gardener. Fruits are a rich scarlet color, nearly round and without cracks. Very solid and firm flesh.

No. 50, Seedtape, pkt., 10 cts.

No. 550, Loose Seed, pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.

Order Seeds Early

We cannot too strongly urge the advisability of placing your order for PAKRO Seedtape and Seeds EARLY. Not only do you avoid the late season rush which comes in the latter part of March and the first part of April, and which, consequently, slows up deliveries, but you will be in a position to take full advantage of a possible early spring, or that one "just right time to plant." And, remember, we deliver all seeds free of charge in quantities listed in this catalog. GET YOUR ORDER IN EARLY.

I received your seeds and they are giving me great results.—JUAN RAMON GARCIA, Box 166, Juncos, Puerto Rico.

Ponderosa
Tomato

Swiss Chard
(Page 16)

FLOWERS MAKE A "HOME"

PAKRO "Ideal" Flower Collections Nos. 1 and 2

80 cts. Value for 50 cts.

COLLECTION No. 1. Eight 10-ct. packets Seedtape varieties as listed below, 50 cts.

COLLECTION No. 2. Eight 10-ct. packets Loose Seeds, varieties as listed below, 50 cts.

Alyssum, Sweet. Edging.

Aster, Queen of the Market. Bedding.

Bachelor Button, Mixed. Bedding.

Balsam, Mixed. Bedding.

Calliopsis, Coronata. Cut Flowers.

Candytuft, Mixed. Cut Flowers.

Larkspur, Mixed. Cut Flowers.

Sweet Peas, Mixed. Cut Flowers.

The above collection is ideal for the home where only a small space can be given to flowers.

PAKRO "Prize-Winner" Collections Nos. 3 and 4

\$1.60 Value for \$1.00

COLLECTION No. 3. Sixteen 10-ct. packets Seedtape (except as noted), varieties as listed below, \$1.

COLLECTION No. 4. Sixteen 10-ct. packets Loose Seed, varieties as listed below, \$1.

Alyssum, Sweet. Edging.

Aster, Queen of the Market. Early.

Aster, Late Branching. Late.

Bachelor Button, Mixed. Bedding.

Balsam, Mixed. Bedding.

Calliopsis, Coronata. Cut Flowers.

Candytuft, Mixed. Cut Flowers.

Chrysanthemum, Coronarium. Late.

Cosmos, Mixed. *Not in Tape.*

Hollyhock, Double Mixed. Background.

Larkspur, Mixed. Cut Flowers.

Nasturtium, Tall Mixed. *Not in Tape.*

Portulaca, Single Mixed. Bedding.

Poppy, California. Bedding.

Sweet Peas, Mixed. Cut Flowers.

Zinnia, Dwarf Mixed. *Not in Tape.*

Our "Prize-Winner" Collections Nos. 3 or 4, enable anyone to have a most attractive arrangement of flowers and offer our customers the best value obtainable. The varieties offered were selected to give a continuous and varied supply of cut-flowers from early summer until frost.



HOME FLOWER GROWING

"Say it with flowers and grow your own"

Growing flowers is such a pleasant occupation and such large returns can be had from such a comparatively small outlay of labor and money that it is great wonder they are not grown around every home.

A lawn needs cutting at least once a week all summer long, but a well-planned flower bed should need but little attention after the middle of July.

Flower seeds come in nearly all shapes and sizes from the powder-like Lobelia and Petunia to the bullet-like Cannas, and although a few general rules can be laid down, still it would be impractical to try to show here the exact procedure for planting each variety that is listed. Full cultural directions are on each packet that we send out.

The soil is the first consideration. Almost any soil will grow some sort of flowers, but for a general flower garden it should be well fertilized and loosened to a depth of six or eight inches. Well rotted barnyard manure may be applied in the spring or fall; but it is sometimes difficult to obtain and often contains weed seeds. Pulverized sheep manure will give excellent results and is much easier and cleaner to handle.

The seed of most of the popular flowers may be planted as soon as the soil can be worked into a fine loosened condition. Be careful not to plant the seeds too deep, the fine seeds like Petunia and Lobelia should be just pressed into the soil and the larger seeds in drills one-quarter to one-half inch deep.

When the seedlings become two or three inches tall they should be thinned out in accordance with the directions on the packet. A good rule to follow with all flowers but the climbers is to thin out the plants to stand half as far apart as they grow tall, for instance, annual Larkspur grows about 12 inches tall and should therefore have six inches between plants. Practically all flower seedlings (with the exception of Poppies) may be transplanted, so that those that are pulled out need not be wasted.

There are numberless pretty arrangements for flower beds. Beds that are in the open and surrounded on all sides by grass, generally give a better appearance if just one variety is used with a border of Alyssum or some other dwarf-growing flower. Beds that have a background of a hedge or

fence should have tall sorts at the back and then graduated down to the front with smaller growing sorts.

The best and easiest way to grow flowers is in narrow beds that can be worked with a claw weeder. Make them narrow enough so that all parts can be reached without treading on the bed. If the ground is well spaded before planting, but one hand weeding is necessary and that to take the weeds from the rows. After that, scratch the surface with a claw weeder or steel rake once or twice a week until the plants shade the soil. No further care is necessary.

If the bed is along a fence or hedge, plant tall varieties at the back, selecting others that will graduate slowly down to the front. A very good combination is Giant Zinnias, Scabiosa, Larkspur (annual) and French Marigold, arranged from back to front in the order named. Circular beds may be set off to advantage with an edging of Alyssum or Ageratum. Our list is not an extensive one, but there is sufficient variety that all can have flowers who will devote a little time and attention to their care, and experience is not necessary to produce many of our most popular varieties. For the beginner we would suggest such kinds as Alyssum, Asters, Calliopsis, Bachelor Button, Cosmos, Nasturtiums, Dianthus, Poppies, Verbenas and Zinnias.

Seedtape greatly facilitates the planting of most flower seeds. Make a shallow drill, unroll the tape, place it in the drill, water and cover. While a little thinning out will be necessary in some varieties, the burden of this is greatly lessened and the seedlings, having had plenty of room in which to develop, are naturally stronger for transplanting. Seedtape also prevents fine seed from being washed away by heavy rains. Flower Seedtape comes in rolls ten feet long, so that you know just how much you are buying and how much space it will plant.

Be careful not to plant Flower Seeds too deep. Follow carefully cultural instructions on each packet of Pakro Seedtape and Loose Seeds.

Flowering Garden Annuals

that attain full growth the first season from seed. Those marked are the best for massing in beds.

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Ageratum19	Lobelia21
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Asters19	Mignonette22
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Climbing Vines from Seed

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Morning-Glories22
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Long Stemmed Flowers for Cutting

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Asters19	Larkspur21
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Order Your Seeds Early and Avoid Busy Season Delays

UNRIVALED ASTERS

BIG-4 ASTER COLLECTION 30c

One packet each of Giant Comet Mixed, Semple's Branching Mixed, Crego Giant Mixed, and Queen of the Market Mixed. Four ten-cent Packets (either Seedtape or Loose Seed) for 30c.

No. 16, Aster Collection, 30 cts.; two Collections for 55 cts. (Please specify whether Seedtape or Loose Seed is desired)

Asters are becoming more popular every year, and no wonder, for they are unsurpassed as cut flowers and make the most attractive beds and borders. Asters may be planted out of doors when the Maples start to leaf or they may be started indoors in March. Plant the seed in drills one-quarter of an inch deep. Thinning out or transplanting later to stand six or ten inches apart. Wood ashes or slacked lime worked into the soil before planting will help to keep in check the root diseases to which Asters are subject.

Giant Comet

Massive Chrysanthemum-like blooms beautifully formed and of exceptional substance, making them unsurpassed as cut flowers. The plants grow strong and robust and are covered with blooms until killed by frost.

No. 664, Lavender, bluish lavender. Lse., pkt., 15c. No. 665, Purple, royal purple. Lse., pkt., 15c.
No. 662, Pink, delicate shell pink. Lse., pkt., 15c. No. 663, Rose, rich deep rose. Lse., pkt., 15c.
No. 661, White, pure snow white. Lse., pkt., 15c.
No. 669, Collection containing one packet each of the above varieties, 60c.
No. 102, Mixed Seedtape, pkt., 10c.; No. 602, Mixed Loose Seed, pkt., 10c.; ¼ oz., 50c.

Semple's Branching, Mixed

Semple's Branching commences to bloom in midsummer and continues until killed by frost. It is one of the best Asters for cutting. Plants are bushy and grow about two and a half feet in height. Our special mixture contains all the different colors.

No. 122, Seedtape, pkt., 10 cts.
No. 622, Loose Seed, pkt., 10 cts.; ¼ oz., 50 cts.

Crego Giant, Mixed

Crego Giant commences to bloom somewhat later than Semple's Branching. Plants are bushy, about two feet high. Flowers are huge with graceful wavy plume-like petals. Our special mixed contains all the different shades.

No. 121, Seedtape, pkt., 10 cts.
No. 621, Loose Seed, pkt., 10 cts.; ¼ oz., 60 cts.

Queen of the Market

Queen of the Market is undoubtedly the finest early Aster. They commence to bloom early in July and so are fine for combining with the later blooming types. Plants are dwarf, being about fifteen inches high. Flowers are large and are borne on long strong stems.

No. 670, Crimson, deep crimson. Lse., pkt. 15c. No. 673, Purple, royal purple. Lse., pkt. 15c.
No. 671, Lavender, lavender blue. Lse., pkt. 15c. No. 674, Rose, deep rose. Lse., pkt. 15c.
No. 672, Pink, delicate shell pink. Lse., pkt. 15c. No. 675, White, snow white. Lse., pkt. 15c.
No. 679, Collection containing one packet each of the above varieties, 75 cts.
No. 101, Mixed Seedtape, pkt., 10 cts. No. 601, Mixed Loose Seed, pkt., 10 cts.; ¼ oz., 50 cts.

AGERATUM MEXICANUM BLUE

Ageratum is a hardy annual of the greatest value for bedding, edging, and for window boxes. Flowers are tuft-shaped and lavender blue in color. Blooms from early summer until frost. May be planted in April when the Maples start to leaf. Sow seed in drills one-fourth inch deep. Ageratum seed is not put in Seedtape because of size.

No. 300, Loose Seed, pkt., 10 cts.; ¼ oz., 25 cts.

Ageratum
Blue



Camellia Flowered Balsam

SWEET ALYSSUM

Alyssum is the best of all white edging plants. Dwarf in growth, it is covered with beads of tiny white flowers from early summer until frost. Plant as soon as the ground can be worked into a good condition. Sow seed in drills one-fourth inch deep. No thinning out will be necessary if Seedtape is used.

No. 100, Seedtape, pkt., 10 cts.
No. 600, Loose Seed, pkt., 10 cts.; ¼ oz., 25 cts.; oz., 75 cts.

BALSAM CAMELLIA FLOWERED DOUBLE MIXED

Balsam, known as the old fashioned "Lady's Slipper," is one of the prettiest annuals for bedding and cutting. Flowers in all different shades are borne close to the main stem amongst the foliage. Plant seed in shallow drills indoors in March or April or out of doors after all danger from frost is past. Plants are about two feet high and bloom from early summer until frost.

No. 103, Seedtape, pkt., 10 cts.
No. 603, Loose Seed, pkt., 10 cts.; ¼ oz., 25 cts.

"Say It With Flowers." Say It Often and Grow Your Own.



Calendula,
Double
Mixed

CALENDULA DOUBLE MIXED

Many people have seen and admired these brilliant yellow and orange flowers in the Florist windows, but few recognize them as the old-fashioned "Pot Marigold," and fewer still know that they are the easiest and most satisfactory flowers to grow. They make excellent beds, or borders for taller growing flowers and are excellent for cutting. Plant the seed as soon as the ground can be worked in the spring. As soon as the plants are big enough to handle thin out or transplant to stand at least eight inches apart. Not put in Seedtape because of size.

No. 334, Loose Seed, pkt., 10 cts.; oz., 25 cts.

CARNATION MARGUERITE DOUBLE MIXED

Carnations, though most familiar on the florist stands, are not grown in home gardens as much as they should be. Sow seed indoors in March or April and transplant out of doors when all danger from frost is past. Plants should stand eighteen inches apart.

No. 124, Seedtape, pkt., 10 cts.

No. 624, Loose Seed, pkt., 10 cts.; 1/4 oz., 50 cts.

CHRYSANTHEMUM CORONARIUM DOUBLE MIXED

Chrysanthemums have become more popular than ever in the past year. Although one must wait until fall to reap the harvest of glorious blooms, they are well worth waiting for. Our special mixture contains many colors and types and all are of the best that exist. Plant seed in drills one quarter inch deep, thinning out later to stand ten to twelve inches apart.

No. 125, Seedtape, pkt., 10 cts.

No. 625, Loose Seed, pkt., 10 cts.; 1/4 oz., 25 cts.

COSMOS MAMMOTH PERFECTION, Mixed

Nothing can take the place of Cosmos in the flower garden. For although they do not commence to bloom until late summer, their handsome fern-like foliage makes an excellent back ground for the smaller growing flowers. As a cut flower in the fall it is unsurpassed. you can cut and cut and still cannot see that any flowers have been taken. Plant seeds indoors in March or April, or out of doors when danger from frost is past. Thin out or transplant to stand ten or twelve inches apart. Cosmos is not put in Seedtape because of the size of the seed.

No. 304, Loose Seed, pkt., 10 cts.; 1/4 oz., 25 cts.; oz., 75 cts.

Mammoth
Perfection
Cosmos



BACHELOR BUTTON, Mixed

Centaurea Cyanus is the true old fashion "Bachelor's Button" or "Ragged Sailor." Plants grow about eighteen inches high, slightly branching growth and are covered with blooms from midsummer until frost. It is one of the easiest flowers to grow and will do splendidly in almost any position. Plant seeds out of doors, where the plants are to bloom, as soon as the weather has become settled. Sow in drills one quarter inch deep thinning out later to stand three or four inches apart. If Bachelor Buttons are planted with Seedtape, they will not need thinning out.

No. 105, Seedtape, pkt., 10 cts.

No. 605, Loose Seed, pkt., 10 cts.; 1/4 oz., 25 cts.; oz., 75 cts.

CALLIOPSIS CORONATA

Calliopsis is one of the finest yellows for cut flowers. It produces brilliant yellow cosmos-like flowers from early summer until frost. Plants are bushy, about fifteen inches high. Blooms are borne on long stems all over the plant and should be cut off before they go to seed. Plant seed as early in the spring as the ground can be worked into a good condition. Thin out to stand four to six inches apart. Plant Calliopsis with Seedtape and avoid thinning out.

No. 123, Seedtape, pkt., 10 cts.

No. 623, Loose Seed, pkt., 10 cts.; 1/4 oz., 30 cts.

CANDYTUFT, Mixed

Candytuft is very fine for growing in beds or masses. It is also useful as a cut flower. It is very free blooming, flowers being borne on heads held well above the foliage. Color ranges from pure white through the varying shades of pink to deep red. Plant seed out of doors after the weather has become settled, thinning out to stand four to six inches apart.

No. 104, Seedtape, pkt., 10 cts.

No. 604, Loose Seed, pkt., 10 cts.; 1/4 oz., 20 cts.



Chrysanthemum Coronarium

Planting Seedtape

Planting PAKRO Seedtape is a very simple matter. Make a shallow trench and unroll the Seedtape in it as fast as you walk. If ground is very dry, water tape before covering. After covering firm earth on tape, water, and continue to water as you would any other seed.

FORGET-ME-NOT MYOSOTIS ALPESTRIS

Myosotis Alpestris Blue is the true early spring blooming Forget-me-not. They are fine for massing along small streams and in moist places and as an edging for spring flowering bulbs or pansies. Forget-me-nots are hardy and may be left out all winter, providing they are given some protection of strawy manure. Plant seed out of doors early in the spring and thin out or transplant to stand six or eight inches apart as they will soon spread and cover the intervening ground. To produce the best flowers they should be thinned out every spring as if left alone for several years they form a dense mass of foliage with but few flowers.

No. 106, Seedtape, pkt., 10 cts.

No. 606, Loose Seed, pkt., 10 cts.; ¼ oz., 60 cts.

GYPSOPHILA ELEGANS MIXED

Gypsophila or "Baby's Breath" is practically indispensable to the pretty arrangements of cut flowers. A few sprays of it added to the most formal bunch of flowers will tend to give them a pleasing and airy effect. Sow the seed as early in the spring as the ground can be worked. Thinning out to avoid crowding. (With Seedtape you will not have to thin out). Plantings should be made two or three times during the summer as Gypsophila is not a continuous bloomer.

No. 126, Seedtape, pkt., 10 cts.

No. 626, Loose Seed, pkt., 10 cts.; ¼ oz., 20 cts.; oz., 60 cts.

HELIOTROPE GIANT MIXED

Heliotrope is a half hardy perennial and an old time favorite. Its delightful fragrance having endeared it to many. Plants grow about two feet high out of doors. Blooms are borne in heads well above the foliage. Flowers are very sweet scented and a few plants will give a pleasing fragrance to your whole garden. Seed should be started in doors in March or April and transplanted out of doors as soon as all danger from frost is past.

Seed may also be sown out of doors in May. Sow seed in drills not more than one-eighth inch deep. The small plants are quite tender and should be handled carefully. When moved to their permanent position they should be at least a foot apart.

No. 127, Seedtape, pkt., 10 cts.

No. 627, Loose Seed, pkt., 10 cts.; ⅛ oz., 30 cts.

HOLLYHOCK DOUBLE MIXED

Hollyhocks are one of the most showy and easiest perennials to grow. We list them among the annuals because they will flower the first year from seed if planted early enough. They are one of the best flowers for planting along a hedge or fence or for use as a background for smaller growing plants. Plant seeds out of doors as soon as the ground can be worked into a fine loosened condition when large enough to handle, transplant or thin out to stand at least eighteen inches apart. They will need a protective covering of strawy manure or leaves during the winter. This exceptionally fine mixture of the double type includes an even proportion of all the colors. If planted in April they will bloom the first year from seed, if planted in June they will bloom the following year. Single Hollyhocks are listed on the perennial page, they will not bloom the first year from seed.

No. 107, Seedtape, pkt., 10 cts.

No. 607, Loose Seed, pkt., 10 cts.; ¼ oz., 30 cts.

LARKSPUR DWARF ROCKET Mixed

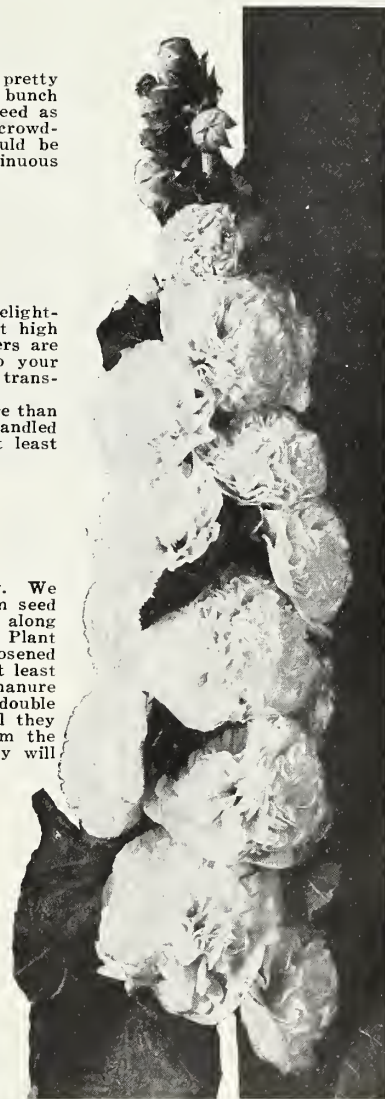
Annual Larkspur will lend itself better to more varied uses than any of summer garden flowers. It is fine as a border for larger growing plants, it makes wonderfully effective masses and ribbon beds, it combines well with practically all the other flowers, as a cut flower it has few equals, and it is one of the easiest to grow. Plant as soon as the ground can be worked into a fine loosened condition. Sow the seeds in shallow drills in the bed where they are to bloom and thin out later to stand three or four inches apart. If Seedtape is used no thinning out will be necessary. Our mixture contains all the different colors.

No. 128, Seedtape, pkt., 10 cts.

No. 628, Loose Seed, pkt., 10 cts.; ¼ oz., 25 cts.; oz., 75 cts.



Attractive Flower Garden of Pakro Annuals



Larkspur, Dwarf Rocket

Hollyhock, Double

The undersigned planted some of the Seedtape in my private garden in April and I am pleased to say that they all came up, although the seeds were 2 to 3 years old.—J. GRONMARK, Finland.

LOBELIA ERINUS MIXED

Lobelia is a dwarf growing plant, bearing myriads of pretty little blue flowers, although they cannot be used as cut flowers, they are fine for bedding and for window or porch boxes. Sow seed indoors in March or April, or out of doors after all danger from frost is past. Thin out to prevent overcrowding.

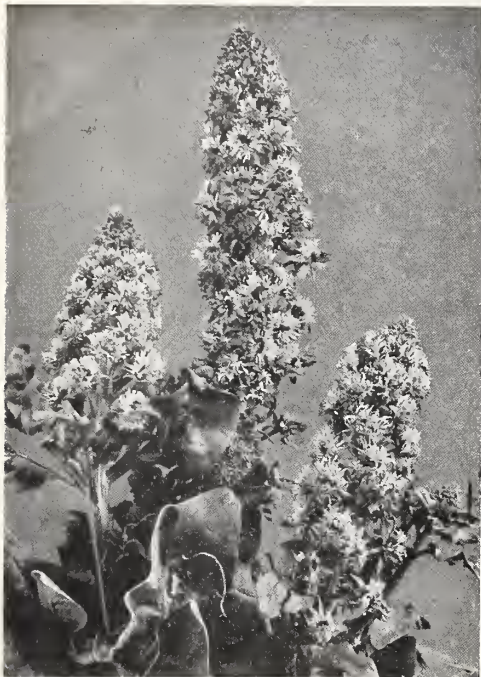
No. 129, Seedtape, pkt., 10 cts.

No. 629, Loose Seed, pkt., 10 cts.; ⅛ oz., 50 cts.

WILD GARDEN MIXTURE

Flower gardening with the separate varieties is often times tedious work and some home gardeners are at a loss to know just what to plant, also there are often odd spaces that although we would like to cover up with plants of some kind, we do not know just what would grow there. To cover all of the above circumstances we have made a mixture of the easiest to grow flowers, a mixture that may be spread broadcast on a bare spot or along a fence and raked in with an absolute certainty that some flowers will grow there. We have so combined this mixture of the various sorts that no matter where you sow them you are sure of having at least four or five different varieties in bloom all summer long.

No. 690, Loose Seed, pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00.



Mignonette

MORNING GLORY JAPANESE MIXED

Morning Glories still hold their own as a covering for fences and trellises. Other climbers have been introduced that are prettier but still there remains a charm to those flowers that are only open to view in the morning and close up when the sun gets hot. Sow the seed, where the plants are to bloom, after all danger from frost is past. If care is taken when planting they will not need thinning out. Seedtape may be used to advantage where they are planted along in a row.

No. 109, Seedtape, pkt., 10 cts.

No. 609, Loose Seed, pkt., 10 cts.; oz., 30 cts.

NASTURTIUMS

Nasturtiums are useful for covering low fences or stone piles and also make the finest cut flowers, as they belong to that class of flowers that the more you pick the more they seem to bloom. Plant the seeds in drills one to two inches deep after danger from frost is past. Unless they are planted very thickly they will not need thinning out. Nasturtiums are sometimes attacked by black lice or aphids. The best remedy for this, that we know of, is very fine dust sprinkled on the parts that are affected. Nasturtium seeds are not put in seedtape because of size.

Tall Mixed

Tall Nasturtiums are largely used for covering fences, stone walls, etc. They grow very quickly and will soon reach the length of from ten to twelve feet. Foliage is very luxuriant and flowers are borne all summer up to the time when they are killed by frost.

No. 310, Loose Seed, pkt., 10 cts.; oz., 15 cts.; ¼ lb., 50 cts.

Dwarf Mixed

Dwarf Nasturtiums make excellent borders or ribbon beds and are especially useful for planting along the front edge of a vegetable garden to act as sort of a hedge. Although they are of dwarf bushy growth they make just as fine cut flowers as do the tall varieties.

No. 311, Loose Seed, pkt., 10 cts.; oz., 15 cts.; ¼ lb., 50 cts.

MARIGOLDS

Marigolds come in two types, African (tall) and French (dwarf). Although they are somewhat too stiff and formal to suit many gardeners, still they are very easy to grow and are not attacked by insect pests or diseases. Sow seeds indoors in March or April, or out of doors when all danger from frost is past. When large enough to handle they should be thinned out or transplanted to stand six to ten inches apart. Marigold seed is not put in Seedtape because of size.

African, Double Mixed

Plants vary from two to three feet in height. Colors range, through all the varying shades of orange and yellow. African Marigolds make an excellent back-ground for smaller growing sorts and give wonderful effects when planted in groups among evergreens.

No. 307, Loose Seed, pkt., 10 cts.; ¼ oz., 25 cts.; oz., 75 cts.

French, Double Mixed

Plants are dwarf and bushy in growth, seldom exceeding fifteen inches in height. Flowers are about two inches in diameter and the colors run to mixtures of yellows and bronze yellows. French Marigolds are excellent for use as bedding plants.

No. 308, Loose Seed, pkt., 10 cts.; ¼ oz., 25 cts.; oz., 75 cts.

MIGNONETTE

In our opinion there is nothing that gives such a delicate fragrance to a garden as Mignonette. Growth is about twelve inches high. Sow seed out of doors in the place where they are to bloom after all danger from frost is past. They should be thinned out to stand at least three or four inches apart. If Seedtape is used very little thinning out will be necessary.

No. 108, Seedtape, pkt., 10 cts.

No. 608, Loose Seed, pkt., 10 cts.; ¼ oz., 25 cts.



Nasturtiums



African Double Marigolds

We Will Be Pleased to Send Our Catalog to Any of Your Friends.



Phlox Drummondii

PAKRO GIANT PANSIES FINEST MIXED

Pansies are one of the most charming of our hardy bedding annuals. Seed planted in the early spring will commence to bloom in June, and if the seed pods are kept picked off and the runners cut back, they will bloom until heavy frost in the fall. The seed may also be planted in September and the plants held over for spring in a cold frame. Plant the seed in a well-prepared seed bed, in drills $\frac{1}{4}$ of an inch deep. When large enough transplant to their permanent position, where they should be from three to six inches apart each way. Pansies in Seedtape may be planted directly into the bed where they are to remain and, as the seeds are evenly spaced, they will need but little thinning out.

No. 112, Seedtape, pkt., 10 cts.

No. 612, Loose Seed, pkt., 10 cts.; $\frac{1}{4}$ oz., 75 cts.

PETUNIA, Single Mixed

Although not very satisfactory as a cut flower, Petunia are one of the most satisfactory plants to grow in beds, borders or window boxes. Sow the seed in very shallow drills as early in the spring as the ground can be worked into a friable condition. For the best results the plants should be thinned out or transplanted to stand 10 to 12 inches apart. Petunia seed is so fine that it is often washed away in a heavy rain storm. By using Seedtape this loss will be avoided.

No. 30, Seedtape, pkt., 10 cts.

No. 630, Loose Seed, pkt., 10 cts.; $\frac{1}{4}$ oz., 50 cts.

PHLOX DRUMMONDII GRANDIFLORA MIXED

Phlox Drummondii is one of the best annual flowers for combining in a border with other flowers, or for use in ribbon beds along walks or drive ways. The growth is about twelve inches high and are covered until frost with heads of exquisite pink, white, yellow, purple flowers. Sow the seed as early in the spring as the ground can be worked into a loose condition, in drills one-quarter of an inch deep. If Seedtape is used no thinning out will be necessary.

No. 113, Seedtape, pkt., 10 cts.

No. 613, Loose Seed, pkt., 10 cts.; $\frac{1}{4}$ oz., 50 cts.

Salvia
splendens
grandiflora
(Page 24)

PINKS, Dianthus Chinensis, DOUBLE MIXED

If you love the old-fashioned Clove Pinks you should surely have them in your garden. They are very easy to grow especially in Seedtape. Plant the seed in drills one-quarter of an inch deep, as soon as the ground can be worked into a fine condition. Pinks may be held over the winter by covering with a mulch of straw manure.

No. 114, Seedtape, pkt., 10 cts.

No. 614, Loose Seed, pkt., 10 cts.; $\frac{1}{4}$ oz., 25 cts.

POPPY, California

California Poppies, though a comparatively new flower in the eastern part of the United States, has increased more and more in popularity. The seed should be planted as early as possible in the spring in drills one-half inch deep. If Seedtape is used no thinning out will be necessary. California Poppies may also be planted on terraces and in spots where it is sometimes difficult to grow grass.

No. 115, Seedtape, pkt., 10 cts.

No. 615, Loose Seed, pkt., 10 cts.; $\frac{1}{4}$ oz., 25 cts.

POPPY, Shirley Mixed

Single Poppies have a grace and airiness found in no other flowers. Their one disadvantage being that they do not keep well as cut flowers. They are, however, of the easiest culture and there is no reason why they should not be in every garden. Our strain of mixed contains all the different shades of pink and red, as well as pure white.

No. 116, Seedtape, pkt., 10 cts.

No. 616, Loose Seed, pkt., 10 cts.; $\frac{1}{4}$ oz., 25 cts.

PORTULACA

SINGLE MIXED

Portulaca or Sunplant is excellent for making striking low beds of masses of color. It will grow where other flowers will not, and is therefore especially useful for sowing on banks and terraces. Sow seed thinly in drills or broadcast and rake in.

No. 131, Seedtape, pkt., 10 cts.

No. 631, Loose Seed, pkt., 10 cts.; $\frac{1}{4}$ oz., 20 cts.

The Shirley Poppies were wonderful last year. —Mrs. LILLIE C. EXDICCOTT, Walden, N. Y.

I had some of your Seed and Seedtape last year and was wishing I had some more, but did not know where to get it. I had very good luck. —Geo. W. PARKIN, 403 Orchard St., Elgin, Ill.

California Poppies

Shirley Poppies

SALVIA SPLENDENS SCARLET SAGE

Salvia illustrated in colors on page 23 is one of the finest and most striking of the tall bedding plants. Plants are bushy in shape and covered with spikes of brilliant scarlet flowers. Sow seeds indoors or in a hot bed and transplant to the open when all danger from frost is past. Plants should be fifteen or eighteen inches apart.

No. 117, Seedtape, pkt., 10 cts.

No. 617, Loose Seed, pkt., 10 cts.; $\frac{1}{4}$ oz., 50 cts.

SCABIOSA LARGE FLOWERING MIXED

The old fashioned "Mourning Bride" greatly improved. One of finest annuals for cut flowers. Plants about two feet in height, producing flowers on ten to twelve inch long stems. Plant as soon as the ground can be worked into a fine loose condition and thin out to stand six or eight inches apart. This variety is not put up in Seedtape because of size. No. 320, Loose Seed, pkt., 10 cts.; $\frac{1}{4}$ oz., 25 cts.

Wedgewood Sweet Peas

SPENCER SWEET PEAS

The ease of culture and the reward of fragrance, profusion, and variety of bloom has made the Sweet Peas one of the most popular flowers of today. The chief requisite for the utmost success is to plant as early in the spring as it is possible to work the ground into fine seed-bed (or they may be planted in the fall just before heavy freezing sets in and protected during the winter with a mulch of straw manure). Plant the Seedtape or seed 3 to 4 inches deep, covering with an inch of soil at first and filling in as the seedlings grow. When the plants are 5 inches high, brush, string, or wire should be provided for support. The blooms should be picked regularly to prevent the forming of pods, as once pods are formed the strength of the plants go to producing seeds instead of flowers. Sweet Peas require lots of nourishment and therefore some plant food should be available at all stages of their growth. The use of Farmogerm Inoculation will greatly enhance the size and beauty of the individual blooms. We have added to our list what we believe to be the three best Spencer sorts for the Home Garden.

Wedgewood

A beautiful clear silvery blue. The plants are of robust growth and bear profusely. Usually four flowers to a stem. No. 680, Loose Seed, pkt., 15 cts.

Scarlet Emperor

Rich flaming scarlet, one of the best reds. It will not sunburn in even the hottest weather. The individual blooms are large and nicely waved. No. 681, Loose Seed, pkt., 15 cts.

King White

Acknowledged to be the finest white. Flowers are pure snowy white, nicely waved and usually borne four to a stem. No. 682, Loose Seed, pkt., 15 cts.

Scarlet Emperor Sweet Peas

AMERICA SWEET PEA COLLECTION

The three above varieties lend themselves to so many varying color schemes and are so generally popular, that we have made up a special collection of one full sized packet of each to sell for thirty-five cents.

No. 689, America Collection, 35 cts., 2 for 60 cts.

Spencer, Mixed

Our mixture of Spencer Sweet Peas contains all the varieties listed today. Many of the fine new novelties being included. The colors range from pure white to dark maroon, including all the varying shades of pink, red, orange and blue.

No. 150, Seedtape, pkt., 10 cts.

No. 650, Loose Seed, pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.

Sweet Peas, Grandiflora MIXED

The old type of Grandiflora still has many admirers. The flowers are small and formal, in direct contrast to the giant size and jaunty waved form of the Spencers. Flowers are borne two or three to a stem with a wide range of colors. Plants are vigorous and are covered with blooms.

No. 119, Seedtape, pkt., 10 cts.

No. 619, Loose Seed, pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.

Verbena Hybrids (Page 25)

Inoculate Your Sweet Peas for Bigger, Better Flowers.

Pakro Ready-Made Flower Bed

The Pakro Ready-Made Flower Bed offers you something that is as unique as it is useful. Two years ago we started experimenting to try and make a flower bed that would be in bloom practically all summer, give an abundance of cut flowers and at the same time not take up too much time for weeding and care. Many combinations were tried out, and the one that is shown on the right was so superior to the others, that we have decided to offer it as a special collection at a reduced price.

This flower bed is five and a half feet wide, so that it can be weeded without stepping on the bed. We offer it in ten foot lengths, that is, one collection contains enough seed for a bed five and one-half feet wide by ten feet long. A bed thirty feet long would require three such collections. Each collection contains: 1 pkt. Zinnia, 2 pkts. Scabiosa, 1 pkt. Larkspur, 2 pkts. Calendula and 1 pkt. Alyssum.

No. 99, Ready-Made Flower Bed Collection, 60 cts., 2 for \$1.10, 3 for \$1.50.

ZINNIAS, to be planted one foot from back of bed.

SCABIOSA, to be planted fifteen inches in front of Zinnias.

LARKSPUR, to be planted fifteen inches in front of Scabiosa.

CALENDULA, to be planted one foot in front of Larkspur.

ALYSSUM, to be planted one-half foot in front of Calendula.

STOCKS TEN WEEKS DOUBLE MIXED

Stocks or Gilliflower, as it is sometimes called, is shown in natural colors on page 24. It is very popular, both for bedding and for pot culture. As a cut flower it is unsurpassed. Plants are dwarf, about fifteen inches tall, and flowers are borne on spikes above the foliage. The individual blooms resemble small rosettes. Our special mixture contains a wide assortment of colors. Plant out of doors as soon as the weather has become settled. Sow seed in drills not more than one-half inch deep. Thin out or transplant to stand six or eight inches apart.

No. 118, Seedtape, pkt., 10 cts.

No. 618, Loose Seed, pkt., 10 cts.; ¼ oz., 50 cts.

SUNFLOWERS

Sunflowers will grow on practically any soil and are strong enough to combat the weeds by themselves. Sow seed out of doors as soon as all danger from frost is past. Plants should be thinned out to stand fifteen or eighteen inches apart. Sunflower seed is not put in Seedtape because of size.

Double Chrysanthemum-Flowered

A decided improvement over the old fashioned single sunflower. The mammoth, Dandelion like in fullness, flowers are borne on stalks from six to ten feet high. They make an excellent hedge or wind break and are even being used to support Lima Beans in place of poles.

No. 331, Loose Seed, pkt., 10 cts.; oz., 25 cts.

Single Mixed

Single Sunflowers of a smaller type than the old fashioned kind. Plants are not so stiff and are more open and branching. The individual flowers are graceful and airy and strongly resemble mammoth yellow daisies. They are excellent for cut flowers.

No. 330, Loose Seed, pkt., 10 cts.; ¼ oz., 25 cts.

VERBENA HYBRIDA MIXED

Verbenas are of low spreading growth. They are particularly useful for borders, bedding and for window or porch boxes. The flowers are borne in heads on fairly long stems. Start seed indoors in March or April, or out of doors in May.

No. 120, Seedtape, pkt., 10 cts.

No. 620, Loose Seed, pkt., 10 cts.; ¼ oz., 25 cts.

ZINNIAS GIANT FLOWERED

Plant seed as early in the spring as the ground can be worked into a fine loosened condition. When large enough to handle thin out to stand at least eighteen inches apart for the Giant sorts and twelve inches apart for the dwarf sorts. Zinnia seeds are not put in Seedtape because of size.

Giant, Double Mixed

Giant in size of both plants and flowers, this strain is unsurpassed as a background for dwarf growing flowers. Colors are white, varying shades of pink and yellow, and red. The individual blooms are large often measuring five inches in diameter.

No. 333, Loose Seed, pkt., 10 cts.; ¼ oz., 25 cts.; oz., 75 cts.

Dwarf, Double Mixed

A dwarf, bushy variety, having the same characteristics as to bloom as the Giant Double variety listed above. Especially useful for borders and for combining in beds with small or dwarf growing plants.

No. 332, Loose Seed, pkt., 10 cts.; ¼ oz., 25 cts.; oz., 75 cts.



Single Sunflowers

Double Chrysanthemum-Flowered Sunflower



Giant Flowered Zinnias

Wild Garden Mixture

A mixture of the easiest to grow annual flowers for planting in odd spaces where it is not convenient to dig up the ground and cultivate as for a flower bed. The surface of the soil should be loosened and the seed sown broadcast and raked in.

No. 690, Loose seed Pkt. 10 cts.; Oz. 30 cts.; ¼ lb. \$1.00.

PERENNIAL FLOWER SEEDS



A Garden of Perennials is a Joy Forever

A perennial flower garden cannot be bought from a landscape architect. The prettiest gardens, the ones which the professional gardeners try to copy and fail, are those that were started and cared for years ago by our grandmothers and great grandmothers. No arrangement has quite the quaintness and restfulness as these old gardens with their campanulas, fox gloves, delphiniums, columbines and countless others, in charming disarray. You can have such a garden with a small expenditure of money and a bit of care each day. A fifteen cent packet of seed will produce, with proper care, more plants of a variety than you can use. Keep the best ones and throw the rest away. Don't overcrowd with one variety. We have listed on this page those varieties we consider the best and easiest to grow. If we have omitted a favorite we will be more than pleased to get it for you or else to tell you where it may be obtained.

Alyssum, Saxatile Compactum

Plants are of dwarf, bushy growth and are covered all during May with a profusion of bright yellow flowers. It is mainly used as a shrubby border or for planting in rock gardens.

No. 700, Loose Seed, pkt., 15 cts.

Campanula, Calycanthema

Campanula Calycanthema are the true Cup and Saucer Canterbury Bells, and are one of the most popular of the hardy perennials for combining in a hardy border. All colors mixed.

No. 702, Loose Seed, pkt., 15 cts.

Columbine, Long Spurred Hybrids

Columbine or Aquilegia is one of the finest hardy perennials. It is very easy to grow and once established increase in beauty from year to year. Plants are dwarf, about ten inches high, and the flowers are held ten to twelve inches above the foliage.

No. 703, Mixed Loose Seed, pkt., 15 cts.

Coreopsis, Grandiflora

Coreopsis so closely resembles the annual Calliopsis that they are often mistaken for each other. Coreopsis will often bloom the first year from seed and is entirely hardy.

No. 704, Loose Seed, pkt., 15 cts.

Delphinium

Delphinium or Hardy Larkspur is practically indispensable in arranging a hardy border. The tall spikes of blue flowers combine so well with evergreens, shrubs and hardy Lillies.

No. 705, Beladonna, Sky Blue. Loose Seed, pkt., 25 cts.

No. 706, Finest Mixed. Loose Seed, pkt., 15 cts.

Dianthus, Chinensis

This variety is listed on page twenty-three under the heading of "Pinks."

Digitalis, Gloxinaeflora

Digitalis or Fox Glove is an old garden favorite. The handsome gloxinia-like flowers, are borne on stalks from four to six feet tall. Blooms during June and July.

No. 707, Mixed. Loose Seed, pkt., 15 cts.

Gaillardia, Grandiflora

Gaillardia or Blanket Flower is in bloom from July until frost. It is most effective in the late fall as the flowers run to autumn shades of brown and yellow.

No. 708, Mixed. Loose Seed, pkt., 15 cts.

Gypsophila, Paniculata

The hardy perennial "Baby's Breath," one of the most useful hardy perennial, both for use in lightening up a formal arrangement, or for use with cut flowers.

No. 709, Loose Seed, pkt., 15 cts.

Hollyhock

The double varieties are listed on page 21, with the annuals as they will bloom from seed the first year. The singles are preferred by many because they are not so stiff and formal.

No. 710, Single Mixed. Loose Seed, pkt., 15 cts.

Papaver, Naudicaule

Papaver, Naudicaule or Iceland Poppy is another hardy perennial that will bloom the first year from seed, and contrary to the other varieties of Poppy, they make excellent cut flowers.

No. 711, Mixed. Loose Seed, pkt., 15 cts.

Papaver, Orientale

Oriental Poppies have always been a favorite. They bloom quite early in the season, are perfectly hardy, and when not in bloom their foliage is very ornamental. Flowers are bright scarlet with dark blue base.

No. 712, Loose Seed, pkt., 15 cts.

Shasta Daisy

The common field daisy has now been adopted as the official flower of the American Legion. The Shasta Daisy strongly resembles this with the exception that the flowers are bigger and finer. It is one of the easiest, hardy perennials to grow.

No. 713, Loose Seed, pkt., 15 cts.

Sweet William

Sweet William is a member of the Pink family, and is known as Dianthus Barbatus. The strain offered has been much improved in both size and colors of the individual blooms.

No. 714, Single Mixed. Loose Seed, pkt., 15 cts.

Plant Hardy Perennial Seeds for an "All Time" Garden.

TEA ROSES AND DAHLIAS

Special Instructions for Ordering Plants

Remittance should accompany order and may be made by express or post-office money order, bank draft, cash or stamps. If cash or stamps are sent it is advisable to register the letter. Goods will be sent C. O. D. only when 25 per cent. of the total cost accompanies order.

Time of Shipment. Plants are perishable, and will be shipped as soon as weather conditions insure safe arrival.

Method of Shipping. We have learned from experience that it is better to ship all plants by express. It is just as cheap as parcel post, and the plants arrive in better condition. Express shipments allow for better packing as the package or crate may be left partially open by slats at the top.

Parcel Post Shipments. Our prices are based on shipping plants via express, charges collect. If it is desired that they be shipped via parcel post we must request that our customers add 10 per cent. if east of the Mississippi or 20 per cent., if west of the Mississippi, to the value of the order.

Substituting. Mark on your order if we may substitute with another variety in case of being sold out of the variety ordered.

Non-Warranty. Every possible care is taken to have plants clean and true to name, but we give no warranty expressed or implied, on same; if customers are unwilling to accept them on these terms they must be returned at once.

Note. Not less than three plants of one variety at the dozen rate.

Pakro Collection of Seven Best Hybrid Tea Roses



Columbia Rose

Hadley

Deep velvety crimson, very brilliant. One of the finest of the deep reds. Flowers are borne on long stems.

Price, 75 cts. each, \$7.50 per doz.

Mrs. Aaron Ward

Buds are a rich, clear yellow, which changes to delicate shades of pink as the flowers open. One of the most popular of the Hybrid Teas.

Price, 75 cts. each, \$7.50 per doz.

A Rose garden! Is there any garden arrangement that can be called complete without roses? For years they have held full sway as the queen of flowers and each year finds their popularity increasing. There are so many types and so many named varieties in each type, that the average amateur flower grower is at a loss where to begin. There is also a common fallacy that roses are very difficult to grow and care for; but if they are given the same amount of care as the rest of your plants they will thrive wonderfully well. Their chief need is to be pruned properly once a year. Hybrid Teas should be pruned back severely, strong shoots cut back to eight or ten inches and all weak wood removed.

We offer below what we believe to be seven of the best and most satisfactory Hybrid Tea Roses. Our special arrangements this year enables us to offer them much lower than last year, and at a price within the reach of all.

Plants are properly pruned for planting before being shipped.

Price, collection of one each of the seven for \$4.50. Two collections, \$8.00.

Columbia

Rich glowing pink which becomes more vivid as the flowers open. Very free blooming. It is a very strong grower with handsome foliage and is not easily affected by blight or mildew.

Price, 75 cts. each, \$7.50 per doz.

Ophelia

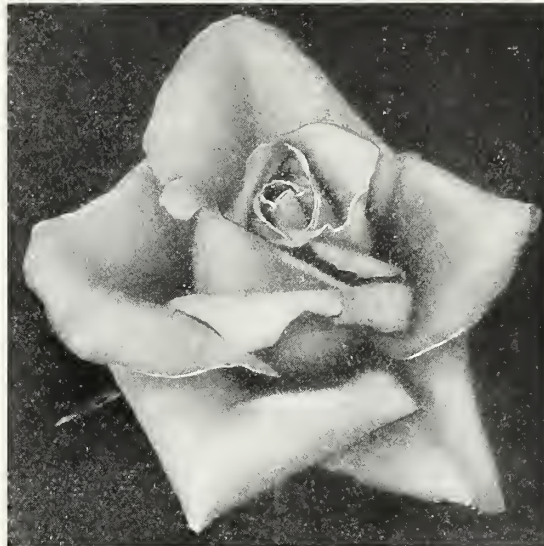
Clear, bright Salmon, which often deepens on opening to a lovely golden pink. Very free blooming and wonderfully fragrant.

Price, 75 cts. each, \$7.50 per doz.

Premier

Flowers are a beautiful clear pink in the warm summer months and deep rose in the cooler fall months. Stems are almost thornless.

Price, 75 cts. each, \$7.50 per doz.



Sunburst Rose

Sunburst

Color of bud is orange yellow, changing on opening to a clear, golden yellow. The most popular yellow rose.

Price, 75 cts. each, \$7.50 per doz.

White Killarney

Buds are long and pointed. Flowers when open, are very full and fragrant. Color is pure snow white. Blooms freely all summer.

Price, 75 cts. each, \$7.50 per doz.

Pakro Superb Mixed Dahlias

Dahlias easily stand as the best of the early fall blooming plants. Their one drawback being that it has always been very expensive to buy separate varieties, especially of the newer types.

In keeping and storing the roots there are always some that become mixed, and we have arranged with several firms to take these mixtures of the finest new varieties. As we buy these very cheaply, we can price them very reasonably, and we know of no better way of accumulating a fine assortment of the different and newer types.

Price, 15 cts. each, \$1.50 per doz.

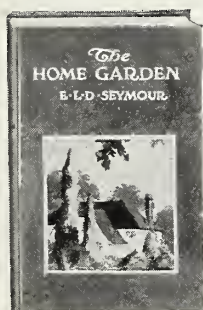


Decorative Dahlia

The Home Garden Book

By E. L. D. Seymour

Given FREE with Plant Order \$3 or more



This book was written especially for us by Mr. Seymour, who is one of the best known gardening authorities in this country, and for several years the Editor of Country Life in America.

It is richly and abundantly illustrated in colors and finely bound in boards. It is a fit companion to the finest books in anyone's library. It is well worth \$1.50. With each order calling for \$1.00 worth or more of Roses, Dahlias or Hardy Perennial Plants listed in this book, whether special bargain collections or goods at the regular price, we will include a copy of this valuable book, sent prepaid. Inasmuch as the edition is limited, we advise you to secure your copy immediately.

Include Sundries With Plant Order and Save Transportation Costs.

HARDY PERENNIAL PLANTS

Gardens and borders of Hardy Perennials are becoming more and more popular. Their popularity may be laid to a number of causes: First, it is not necessary to plant each year; Second, the older they grow, the more beautiful they become; Third, anything that seems a bit old-fashioned appeals to most people; Fourth, there are so many types and colors to be found in the

perennials that are not found in the annual flowers. It may be any one of these reasons, but we believe on the whole that it is a combination of them all that accounts for the ever-increasing use of Hardy Perennials. Start a hardy perennial garden this spring, and add a little more to it each year and in a few years you will have a variety of bloom and color that cannot be equalled.

Pakro Hardy Garden Assortments

For our customers who would like to have a hardy perennial garden, but are undecided as to what varieties will give the best effect, we offer special assortments at the prices listed below. Suggestions as to varieties preferred, also a brief statement of the planting conditions will assist us in making a selection suited to your requirements, and with which we are sure you will be well pleased.

12 plants for \$2.25; 25 plants for \$4.00; 100 plants for \$15.00.



Aquilegia

Achillea Ptarmica

(Milfoil)

The Pearl.—Two feet high. Flowers are small, double, pure white and borne in heads. Blooms all summer. 25 cts. each, \$2.50 per doz.

Boule D'Neige.—Same as The Pearl, excepting that the flowers are more perfect in form and slightly smaller. 25 cts. each, \$2.50 per doz.

Anchusa

(Sea Bugloss)

Italica.—Four feet high. Flowers are dark blue and borne on long spikes. Blooms all summer, but most profusely in May and June. 25 cts. each, \$2.50 per doz.

Anthemis Tinctora

(Marguerite)

Kelwayi.—Two feet high. Flowers are daisy-like, and deep yellow. Blooms from midsummer until frost. Will grow on practically any soil. 25 cts. each, \$2.50 per doz.

Aquilegia

(Columbine)

Assorted Colors.—Two feet high. Flowers are borne on long stems well above the clump-like foliage. Colors are pink, lavender, blue and white. Blooms in early summer. 25 cts. each, \$2.50 per doz.

Bellis Perennis

(English Daisy)

Six to eight inches high. Flowers are very double, about one inch in diameter. Blooms during May and June. Colors are pink and white. 25 cts. each, \$2.50 per doz.

Boltonia

(False Chamomile)

Latisquama.—Four feet high, covered with single, aster-like flowers. Color is pink, slightly tinged lavender. Blooms in August and September. Very effective. 25 cts. each, \$2.50 per doz.

Asteroides.—Same as Latisquama, excepting that flowers are pure white. 25 cts. each, \$2.50 per doz.

Campanula

(Bellflower)

Calycanthem.—Three feet high. The true cup and saucer Canterbury Bells. Colors are pink and white. Blooms in June and July. 25 cts. each, \$2.50 per doz.

Persaefolia.—One and a half feet high. Flowers are blue. Blooms in June and July. 25 cts. each, \$2.50 per doz.

Chrysanthemum

Hardy Varieties.—Two feet high. Flowers are two to three inches in diameter and are borne on long stems. Colors are chiefly whites, yellows, orange and browns. 25 cts. each, \$2.50 per doz.

Special Chrysanthemum Assortments

To those of our customers, who wish a showing of Chrysanthemum, in a variety of color, we offer a selection of the finest hardy sorts at the special prices listed below. Suggestions as to colors wanted will be welcomed and we will be pleased to make up the assortment in accordance to your wishes in so far as possible.

Prices, 12 plants for \$2.25; 25 plants for \$4.00.

Convallaria

(Lily of the Valley)

Majalis.—Four to eight inches high. Flowers are small white-bell-shaped and borne pendant on spikes above the foliage. Very fragrant. Strong clumps. 50 cts. each, \$5.50 per doz.

Delphinium

(Hardy Larkspur)

Belladonna.—Three to four feet high. Flowers are a beautiful clear-sky blue and borne on spikes one to two feet long. Blooms all summer. 35 cts. each, \$3.50 per doz.

Formosum.—Same as Belladonna, except that it does not grow so tall and the flowers are dark blue with a white center. 25 cts. each, \$2.50 per doz.

Dianthus Barbatus

(Sweet William)

Scarlet Beauty.—One foot high. Flowers are borne on heads. Color is rich, deep scarlet. Blooms in June and July. 25 cts. each, \$2.50 per doz.

Latifolia Atrococcinea.—One foot high. Flowers are fiery crimson. Blooms all summer. 25 cts. each, \$2.50 per doz.

Pink Beauty.—One foot high. Beautiful, clear, pink flowers. Blooms in early summer. 25 cts. each, \$2.50 per doz.

Dianthus Plumarius

(Scotch Pink or Clove Pink)

Her Majesty.—One foot high. Extra large double white flowers. Very fragrant. 25 cts. each, \$2.50 per doz.

Carmen.—One foot high. Flowers are a beautiful light pink. 25 cts. each, \$2.50 per doz.

All colors mixed.—A fine mixture of all the standard colors. 25 cts. each, \$2.50 per doz.

Digitalis Gloxinaeflora

(Foxglove)

Three to four feet high. Flowers are borne on spikes. We can supply them in purple, pink, white or yellow. 25 cts. each, \$2.50 per doz.

Funkia

(Plantain Lily)

Coerulea.—Four feet high. Foliage is broad and grass-like making a clump. Flowers are blue and are borne on long stems well above the foliage. 25 cts. each, \$2.50 per doz.

Undulata Variegata.—Leaves are variegated white and green. Make an excellent border even when not in bloom. 25 cts. each \$2.50 per doz.



Delphinium



Iris

Gysophila (Baby's Breath)

Paniculata.—Two to three feet high. Foliage is fern-like and covered with tiny white flowers. Blooms during July and August. Much used in cut flower work. 25 cts. each, \$2.50 per doz.

Helenium (Sneeze Wort)

Autumnale Superba.—Four to five feet high. Flowers have broad, brilliant yellow petals with tufted centers. Blooms from late summer until frost. 35 cts. each, \$3.50 per doz.

Herbaceous Peonies

70 cts. each, \$7.50 per doz.

Peonies stand alone as the best of early spring flowers for effectively massing in beds. The grace and form of the flowers equals the finest Chrysanthemums and their fragrance compares favorably with that of the rose. They are entirely hardy, and once established, will increase in size and beauty each year.

Anemone Flora Rubra.—Semi-double; bright scarlet.

Couronne D'or.—Snow white with bright yellow stamens.

Delachi.—Extra large dark crimson.

Duchess de Nemours.—Creamy white. One of the newer sorts.

Duke of Wellington.—Sulphur white.

Edulis Superba.—Fine silvery pink. One of the first to bloom.

Globosa.—Clear pink, extra large, full flower.

Louis Van Houtte.—Rich dark crimson.

MacMahon.—Deep wine red.

Modiste Guerin.—Deep pink, extra large flower.

Rubra Triumphans.—Bright glowing red.

Zoe Calot.—Pure white, delicately suffused with rose.

SHRUBS AND TREES

We offer below a few of the most popular shrubs. Lack of space prevents our giving a more extensive list, but if you will send us a list of your requirements on ornamental or fruit trees and shrubs, we will be pleased to quote you prices by return mail.

Deutzia

Candidissima.—Flowers are very double and pure snow-white.

Price, 2 to 3 feet plants, 50 cts. each, \$5.00 per doz.

Crenata Flora Plena.—Same as above, with double pink flowers.

Price, 2 to 3 feet plants, 50 cts. each, \$5.00 per doz.

Forsythia (Golden Bell)

Fortunei.—The first shrub to bloom in the spring. Bears golden yellow flowers before the leaves open. Very effective.

Price, 2 to 3 feet plants, 40 cts. each, \$4.00 per doz.

Hydrangea (Snowball)

Grandiflora.—One of the best late blooming shrubs. Bears immense panicles of pure white flowers in August, which change to the autumn colors in September.

Price, 2 to 3 feet plants, \$1.00 each, \$10 per doz.

Philadelphus (Mock Orange)

Coronarius.—The individual blooms somewhat resemble orange blossoms and are very sweet scented. Blooms in June.

Price, 2 to 3 feet plants, 50 cts. each, \$5.00 per doz.

Spiraea (Snow Garland)

Thunbergii.—Dwarf. Small, single white flowers are borne all over the plant in early spring before the leaves open.

Price, 2 to 2½ feet plants, 50 cts. each, \$5.00 per doz.

Syringia (Lilac)

Lilacs are popular everywhere. We can supply all the different varieties at prices ranging from 50 cts. to \$1.00 per plant, according to size and colors. Write us your requirements. We will be pleased to quote.

Hardy Perennial Plants, Cont'd

Heliopsis

(Orange Sunflower)

Pitcheriana.—Two to three feet high. Resembles the annual sunflowers but flowers are deeper in color. Blooms in July and August. 25 cts. each, \$2.50 per doz.

Hollyhock (Althea Rosea)

Four to five feet high. Flowers in a wide range of colors. Are borne on tall spikes. Blooms during the late summer. We offer all the different colors in both single and double varieties. 25 cts. each, \$2.50 per doz.

Iris (Flag)

Germanica.—One and a half feet high. Blooms in May and June. We offer all the different standard colors. 25 cts. each, \$2.50 per doz.

Japanese.—Two feet high. More gorgeous colors than Germanica and a wider variety of bloom. Blooms during June, July and August. 35 cts. each, \$3.50 per doz.

Lathyrus Latifolius (Hardy Sweet Pea)

Pink Beauty.—Six feet high. Flowers are like the annual sweet pea, but much smaller. Rosy Pink. Blooms in the late summer and fall. 25 cts. each, \$2.50 per doz.

Liatris

(Blazing Star or Gay Feather)

Pychnostachia.—Five feet high. Small rosy lavender flowers are borne on long spikes. Blooms during July and August. 25 cts. each, \$2.50 per doz.

Monarda (Bergamot)

Didyma.—Two feet high. Foliage is aromatic. Tufts of brilliant scarlet flowers are borne at the tops of each stem. 25 cts. each, \$2.50 per doz.

Myosotis (Forget-me-not)

Palustris.—Six inches high. Light blue flowers. Blooms from June to August. Must have a damp location. 25 cts. each, \$2.50 per doz.

Oenothera

(Evening Primrose)

Speciosa.—Eighteen inches high. Pure white flowers. Blooms from June until August. 25 cts. each, \$2.50 per doz.

Penstemon (Beard Tongue)

Barbatus Torreyi.—Two to three feet high. Gloxinia-like flowers in all shades are borne on long spikes. Blooms during June, July and August. 25 cts. each, \$2.50 per doz.

Phlox Decussata (Hardy Phlox)

One to three feet high. We offer a wide assortment of colors in whites, pinks, reds and blues, including many of the latest novelties. Order by color. 25 cts. each, \$2.50 per doz.

Physostegia (False Dragon Head)

Virginica.—Four to six feet high. Delicate pink tube-like flowers, are borne on long spikes. Blooms during July and August. 25 cts. each, \$2.50 per doz.

Stokesia (Cornflower Aster)

Cyanea.—Eighteen inches high. Flowers are sky blue and resemble a cornflower. Blooms all summer. 25 cts. each, \$2.50 per doz.

Cyanea Alba.—Same as above, bearing pure snow-white flowers. 25 cts. each, \$2.50 per doz.

Veronica (Speedwell)

Spicata.—Eighteen inches high. Small bright blue flowers are borne on long spikes. Excellent for borders. Blooms during June and July. 25 cts. each, \$2.50 per doz.

Vinca (Periwinkle)

Minor.—Dwarf evergreen trailing plant. Used for carpeting the ground under trees and shrubs where grass will not grow. 20 cts. each, \$2.00 per doz.



Hardy Phlox

If Plants Are Wanted by Parcel Post Be Sure to Include Postage.

PAKRO SUPER-QUALITY FARM SEEDS

There has never been a time when good seeds meant more to the farmer. In former years the cost of the seed amounted to no mean item as compared to the costs of growing and harvesting. But with the present day high cost of labor, fertilizers, etc., the amount that must be expended for seed is comparatively small, so that the best seeds obtainable will repay many times in bounteous crops the small extra amount of money required to buy them.

When we speak of good seeds and the best seeds, we mean it. When Timothy which tests 99.75% pure is selling for \$4.50 per bushel, common farm run of Timothy can be bought for about \$3.75 per bushel, a cost of about 20 cts. per acre less than the 99.75% pure seed. But when you plant this cheaper seed, you are also planting a percentage of weed seeds. Is it worth while after paying the high cost of preparing the ground to plant inferior seed that contains noxious and troublesome weeds for the sake of saving of twenty cents an acre? In Pakro Super-Quality Farm Seeds you get the best seed there is. Bear this in mind when comparing our prices with cheaper seeds.

All our farm seeds are guaranteed to be as represented and you are given ten days in which to make any test that you wish. If the seed should prove unsatisfactory in any way within this time, return it to us and we will refund your money. We cannot assume any liability after ten days.

Prices

The prices on farm seeds vary with the market, we therefore cannot make prices at the time (December) our catalog goes to press. We will be please to quote you the latest prices upon receipt of your request, and to give you any other information desired. For the convenience of our customers who can use only a small quantity of seed, we have included the retail prices on pound lots. Farm seeds at these prices will be sent postpaid. All other prices on farm seeds are F. O. B. Madison, New Jersey; bags free and not returnable. Please state whether we are to ship by express or freight.

MANGEL BEETS

Mangel Beets are excelent for cattle and chickens during the winter when other green food is not available. If you keep chickens you should surely plant one or two rows of Mangels in your garden. The roots may be stored for winter and fed either chopped up or whole.

Mammoth Long Red: The largest Mangel. Roots fifteen to eighteen inches long and six to eight inches in diameter. Flesh is bright red and solid. Grows one half above the ground and is easily harvested. Oz., 15 cts.; ¼ lb., 35 cts.; lb., \$1.10.

Half Sugar Rose: Roots are large and oval in shape. Has a higher percentage of sugar than the ordinary Mangels. Flesh is white. Oz., 15 cts.; ¼ lb., 35 cts.; lb., \$1.10.

Imported Sugar Beet: An exceedingly fine strain of sugar beet imported direct from Holland. We have only a small quantity on hand. Oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50.

FIELD CORN

High germination should be demanded of all Corn that is used for seed purposes as replanting is an expensive operation and the time lost can never be regained. All the varieties listed below were carefully tipped and butted before shelling and rigidly tested for germination.

White Cap Yellow Dent: One of the best known and most reliable dent Corns. The ears are large and well-filled to the tips. Grains have a white cap, but are yellow on the sides and inside. Matures in about 115 days. Lb., 20 cts. Write for current prices on larger quantities.

Ried's Yellow Dent: The most popular yellow dent field corn. It takes a few days longer to mature than White Cap, but is preferred by some farmers because it is a pure yellow Corn. Ears are large and filled to the tips. Grains are a pure golden yellow. Lb., 20 cts. Write for current prices on larger quantities.

Eight Row Yellow Flint: Flint Corns will mature considerably earlier than the Dent varieties. Eight Row Yellow is an old standard variety. Matures in about 90 days. Ears are of good length, containing eight rows of large, yellow grains. Lb., 20 cts. Write for current prices on larger quantities.

Eureka Ensilage: This variety originated in the south and is one of the best for silage purposes. It requires well-fertilized ground. Produces an enormous quantity of fodder and many ears. Lb., 20 cts. Write for current prices on larger quantities.

It is three years since I last ordered from you but found your seeds did finely out in this country. The Seedtape is just the "thing" here, as we have high winds, making it very difficult to sow bulk seeds.—
MRS. JANIE B. THOMPSON, Holdfast, Sask., Canada.

I find your seedtape comes up just splendidly and is quite satisfactory. I am trying to get all the gardeners I know to use it.—
MRS. J. C. CLAY, College Park, Maryland.

*I am enclosing ten names instead of the five asked for as I consider your seeds and Seedtape most satisfactory.—*MISS JESSIE BARBER, Wellesley, Mass.

SOY BEANS

Mammoth Yellow: Grow Soy Beans and take a profitable crop off your ground and improve it at the same time. Soy Beans will add nitrogen to your soil. Inoculate them with Farmogerm and be assured that enough nitrogen-making bacteria are present to make the best crops and add the highest possible amount of nitrogen to your soil. Soy Beans may be used for growing with Corn, for silage or harvested and thrashed. The ground Beans are an excellent substitute for oil meal, and the hay is relished by cattle. Mammoth Yellow is a big foliated Bean. It will not mature beans very far north, but makes excellent silage and cover crops anywhere. Sow sixty to ninety pounds per acre. Lb., 20 cts. Write for current prices on larger quantities.

Note: We supply other varieties of Soy Beans on special request.

GRASSES

All our grass seeds are extra recleaned stock. Please bear this in mind when comparing our prices with others. There are many grades of grass seeds and naturally those that are extra recleaned cost more, but they are worth it, because of their freedom from weed seeds.

Timothy, Extra Recleaned 99.75% pure.....	15 cts. per lb.	Write for prices on larger quantities.
Red Top Fancy, Extra Recleaned.....	50 cts. per lb.	
Kentucky Blue Grass, Extra Heavy Weight Seed	70 cts. per lb.	
English Rye, Extra Recleaned.....	30 cts. per lb.	

CLOVERS

The clovers are one of our most valuable farm plants. They yield big crops of hay and at the same time add nitrogen to the soil. The seeds of the varieties listed below are of the best quality obtainable and are as free from weed seeds as modern cleaning machinery can make them.

Alsike Clover, Pakro Fancy.....	30 cts. per lb.	Write for prices on larger quantities.
Red Clover, Pakro Fancy.....	30 cts. per lb.	
Crimson Clover	25 cts. per lb.	
Alfalfa, Pakro Brand.....	30 cts. per lb.	
Alfalfa, Grimms	75 cts. per lb.	

OATS

White Swedish: The best Oats for general use. It roots well and has stiff straw and therefore does not easily lodge. Branching head well filled with heavy grains. Usually out yields other varieties by four or five bushels. Lb., 15 cts. Write for prices on larger quantities.

MISCELLANEOUS

Rape, Dwarf Essex: Used as a winter forage crop. Write for prices.
Winter Vetch: Makes an excellent cover crop for plowing under. Write for prices.

FERTILIZERS

We are agents for several of the best fertilizer concerns in the country and are prepared to quote you on any special formulae that you may require. Before placing your order for fertilizer this spring write us and get our quotations both on F. O. B. Madison, N. J., and freight paid shipments. We will co-operate in every way possible to secure the best fertilizers for you at the most reasonable price. We are also prepared to suggest what special fertilizer would be best for your soil if you will write us a brief statement of its location, texture, etc.

USEFUL GARDEN SUNDRIES

PRACTICAL TOOLS



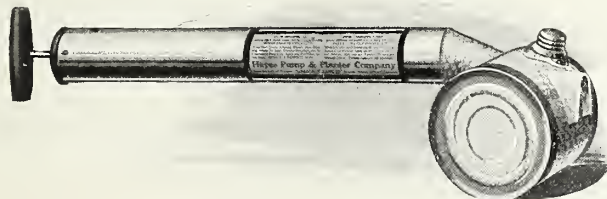
Magic Weeder Hoes (Patented)

Magic Weeder Hoes are almost indispensable to the well-kept garden or flower bed. They are made of strong steel wires in the shape of a claw (see illustration), and may be used to take the place of hand weeding. They are excellent for cultivating close up to small plants and can be used to advantage for thinning out. Prices:

- Style A. Three prongs. 6-inch handle.....15 cts.
- Style B. Three prongs. 18-inch handle.....25 cts.
- Style C. Four prongs. 8-inch handle.....35 cts.
- Style F. A much heavier weeder with four prongs and a 42-inch handle. This model is excellent for loosening up small beds after a rain.....75 cts.

If any of the above are desired by mail add 20% to pay postage.

Hand Sprayer

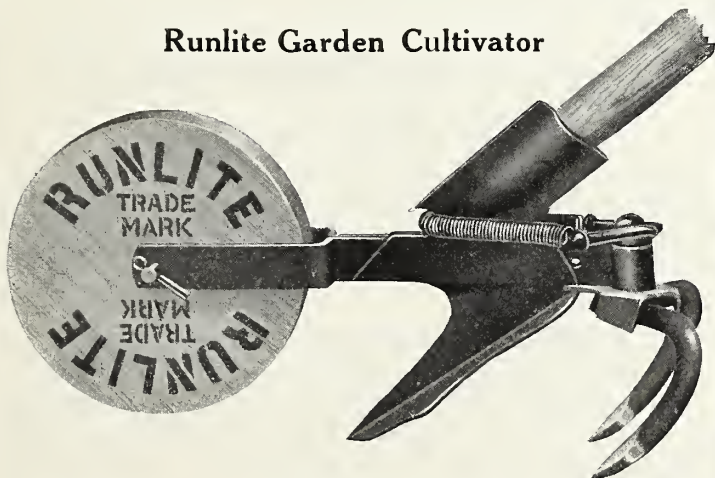


All home gardeners should have a sprayer, and experience has shown us that for the small place there is nothing more practical than the small hand sprayer, illustrated above. It can be put to any number of uses, such as spraying potatoes, roses, etc., and for spreading disinfectant in chicken houses or special preparations for moths and fleas. This sprayer holds a quart.

Price: Delivered, postage paid, 75 cts.

Prices on larger hand and power sprayers on request.

Runlite Garden Cultivator



We believe that the Runlite Garden Cultivator is one of the greatest boons to the small gardener that has been introduced in recent years. It is good. It is cheap. It is light and easy to run, and at the same time strong enough to stand up under hard usage.

The wheel is of light, strong wood and will not sink into the soil as do metal wheels. The rest of the cultivator, excepting the handle, which is wood, four feet long, is made of light, strong steel. In operating the teeth oscillate and break up the soil into fine particles.

Price: Complete \$3.00.

Shipped express, collect.

BEST INSECTICIDES

Aphine

Aphine is one of the recognized standard sprays for all kinds of aphids, green, black and white fly, thrips and soft scale.

Price: 1 qt., \$1.00; 1 gallon, \$3.00.

This insecticide will be sent by express, collect.

Vaycide Black Death



Black Death, a fine gray, highly concentrated powder, in a box with a sifter top. It is sure death to Potato Bugs, Cabbage and Army worms, Tomato worms and practically all leaf-eating and chewing insects. In addition it will help to keep in check many kinds of blights and mildews. Black Death is most effective if applied after a rain while the plants are still wet, or in the early morning when the dew is on the plants. Black Death is a poison, but perfectly safe to use on vegetables, as it can be readily washed off.

Price: 1-lb. box (sifter top), 25 cts.; 3-lb. box, 50 cts.

As Black Death cannot be mailed, it will be delivered express, collect.

Vaycide Blight and Bug Mixture

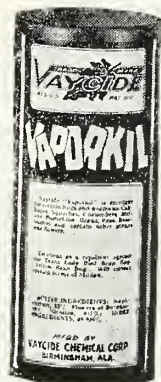


Blight and Bug Mixture is a combination insecticide and fungicide. It is packed in powder form to be applied as a liquid, by spraying. One of our small sprayers, listed on this page, is very handy for applying it. Blight and Bug Mixture is very effective against practically all chewing and leaf-eating insects. It is also a preventative against most of the more common blights and diseases. One pound will make twenty gallons of spray. For smaller quantities use one teaspoonful of Blight and Bug Mixture to a gallon of water.

Price: ½ lb., 45 cts.; 1 lb., 75 cts.

Cannot be mailed. Shipped express, collect.

Vaycide Vaporkil



Vaporkil is a perfectly safe, non-poisonous insecticide, that kills bugs by suffocation, and is therefore used where there is danger of children running to the garden and eating vegetables without washing. It is very effective against Potato bugs, Cabbage, Tomato, Cucumber and Melon worms, and also the Green Aphid which infests Sweet and Garden Peas. Vaporkil is repellant to bugs of all sorts, and if used frequently will keep your garden practically free from these pests.

Vaporkil is not poisonous and can be sent by mail.

Price: 1-lb. box, sifter top, 35 cts.; 3-lb. box, \$1.00.

If wanted by mail, add 5 cts. for postage for 1-lb. box; 10 cts. for 3-lb. box.

Weed Killer

Weeds are bad enough in a garden where the ground is soft, but when they grow in a hard drive-way, path or on a tennis court that cannot be chopped up, they are an abomination. With Sanitas weed killer these weeds may be kept in absolute check quickly and economically. One gallon diluted with fifty gallons of water will effectively cover 1,000 square feet. It may be applied with an ordinary water pot.

Price, qt., 75 cts.; gallon, \$2.00; 5 gallons, \$8.75.

Shipped express, collect.

STIM-U-PLANT

An All-the-Year Fertilizer for Garden and House Plants

Stim-U-plant is the most effective concentrated fertilizer manufactured. It can be used easily and profitably on flowers, shrubs, vegetables, fruit and ornamental trees, and will promote more rapid growth and earlier maturity than any other grade of fertilizer. Thousands of packages were used last season by Pakro customers. The guaranteed chemical analysis shows 11% nitrogen, 12% phosphoric acid, 15 potash.

Convenient to Use

Stim-U-plant comes to you in the form of small tablets, wrapped in waxed paper. A hundred can be put in a drinking-cup, yet they are so highly concentrated that each tablet contains enough food to feed a large plant from ten days to two weeks. The food value of Stim-U-plant tablets is immediately available and one of their chief uses is in the feeding of growing plants.

Absolutely Odorless

Stim-U-plant tablets are pleasant to handle; there is absolutely no odor nor other unpleasant feature about them. They may be used on house plants of all kinds.

Directions for Using

Stim-U-plant tablets can be used in tablet form or dissolved in water at the rate of one tablet to the quart, or four to the gallon, which makes a liquid fertilizer of just the right strength. Order Stim-U-plant tablets with your seed and plant order.

Price, 10 tablets for 15 cts; 30 for 25 cts.; 100 for 75 cts.; 1,000 for \$3.50. Sent postpaid.



PULVERIZED SHEEP MANURE

Good barn-yard manure has been very hard to get for the last few years, and it often contains the live seeds of many troublesome weeds. Wizard Brand Sheep Manure is just as cheap, more efficient, and much cleaner and easier to handle.

It is pure Sheep Manure, collected at the Western Feeding Stations, sterilized and weeds killed by heating, and pulverized for convenient handling. Perfectly safe for any kind of gardening or landscape work. Wizard is a natural fertilizer that supplies the soil with both food and humus in an ideal form for Nature to work with. It is unexcelled as a top dressing for lawns.

Use ten pounds for each hundred square feet of surface and work well into the soil. A hundred-pound bag is equivalent to a load of barn-yard manure.

Price, 2-lb. Carton, 20 cts. Add 10 cts. if wanted by mail.
Price, 5-lb. Carton, 40 cts. Add 20 cts. if wanted by mail.
Price, 10-lb. Bag, 65 cts. Shipped via Express, Charges Collect.
Price, 50-lb. Bag, \$2.00. Shipped via Express, Charges Collect.
Price, 100-lb. Bag, \$3.50. Shipped via Express, Charges Collect.
Prices on larger quantities on request.

Our Sundry Department

We have endeavored to list on these two sundry pages only such garden articles as can be advantageously shipped long distances and are difficult to obtain readily from your local hardware dealer.

We particularly urge that you order your insecticides at the same time as your seeds, as the only way to combat insects and plant diseases successfully is to start the same time as they do. Those listed herewith are thoroughly reliable but keep in mind that it takes constant and persistent effort to combat these pests successfully and although one application will show good results, still it should be immediately followed up by a second and even a third to assure permanent riddance.

The tools are all thoroughly practical and will greatly assist you in having a better garden with the minimum amount of physical effort. We have also included what we believe to be the three most practical books for the average gardener. We will be pleased however to secure for you books on any particular phase of gardening.

Our customers are requested to pay special attention to the manner of shipping each particular item as given immediately following the price.



Seed Inoculant

Peas, Beans, Clovers and Alfalfa are all nitrogen-making plants, but at the same time they are nitrogen-using plants, and must have available at all times, an ample supply of nitrogen to promote the best growth. It is through the nitrifying bacteria in the soil that these plants produce nitrogen, and while there is always some bacteria present, still it is often insufficient in quantity. By inoculating your seed with Farmogerm you are assured that there will be enough of this bacteria present in active form to produce the finest growth possible.

Full directions for use are on every bottle of Farmogerm. Try it on your Peas and Beans this year and note the difference.

Price, Garden size for inoculating Peas, Beans and Sweet Peas, 50 cts. We carry a complete line of Farmogerm for inoculating farm crops. Price: One (1) acre size, \$1.00; Three (3) acre size, \$2.50; Twelve (12) acre size, \$9.00.

Be sure to state crop for which it is desired. Farmogerm is delivered, postage paid.



ADJUSTO PLANT SUPPORTS

Adjusto Plant Supports are the most practical and efficient thing that we have seen in this line. It consists of two parts, a green painted oak stake, pointed at the bottom, and a tough wire hoop, painted to prevent rust. The wire slides up or down the stake and will stay in any position. It can be opened and placed around the plant without injury. It requires but few simple operations to put up. 1. Drive the stake in the ground. 2. Unhook the wires at the end. 3. Bend back wires sufficiently to fit around the plant. 4. Start at the bottom of the plant and hook wire around both stake and plant. 5. Raise the wire up to the required height. As the plant grows the wire can be raised accordingly.

Price, three feet high, 15 cts. each, \$1.75 per doz.; four feet high, 18 cts. each, \$2.00 per doz.

If wanted by mail, add 10% to cover postage.

RAT CORN

We have had such splendid success with Rat Corn for killing rats and mice in our own Warehouses, that we can recommend it enthusiastically to all our customers who are troubled with these pests.

Price, large pkg., 50 cts.

Cannot be sent by mail. Shipment by express, charges collect.

USEFUL GARDEN BOOKS

The Home Garden

By E. L. D. Seymour of Country Life Press.—This book was written especially for us by Mr. Seymour, one of the best authorities on Horticulture. Mr. Seymour has departed from the dictionary style of writing and tells the story of gardening in a charming and interesting manner. It is a book that any one can pick up and read and become interested in. It is handsomely illustrated in full colors, bound in boards. Every Home Gardener should have a copy.

Price, delivered, \$1.00.

Amateur Gardeners' Handbook

Compiled by leading garden authorities.—One of the most complete and practical books on gardening. No matter how large or small your place is, one of these books is sure to contain information that is worth many times the cost of the book. It treats comprehensively on lawns, flowers, vegetables and shrubs. It tells how to lay out the home grounds and how to construct hot beds, root cellars, etc. It gives the formulae for various home-made sprays. In fact, it deals with practically all the problems which confront the amateur or professional gardener.

Price, paper cover, \$1.00; cloth cover, \$1.50. Add ten cents to cover cost of mailing.

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By F. E. Palmer.—A very useful book for all who grow plants in the house. It contains chapters on potting, propagating and drainage. Each of the more popular house plants are treated separately, giving in detail how best to grow them.

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We now offer a complete line of best varieties for Fall Planting. If interested please ask for Bulb Catalog at bottom of this sheet. It will be sent **FREE** early in Fall.

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PAKRO LAWN SEED MIXTURES

Produce Beautiful, Green, Smooth-as-Velvet Lawns, When Our Simple Instructions are Followed



Pakro Shady Place Mixture

Pakro Shady Place Mixture

Ordinary grasses will not live under trees, on the north side of walls, or other places where the sun's rays cannot reach. Pakro Shady Place Grass Mixture is just what you want for such spots. In almost no time these spots, which have baffled your every effort to get them covered with grass, will be replaced by a thick carpet of green. Pakro Shady Place Mixture is a combination of hardy grasses that have an almost evergreen habit and which thrive best in sheltered spots. Ground that is densely shaded is frequently "sour," and if the drainage is not good, coarse grass and moss will be found. In such cases it is advisable to use a liberal amount of slaked lime on the soil—about one bushel to a thousand square feet. This will sweeten the soil and give the grass a chance to grow. Before sowing the mixture, remove all moss and coarse grass with a sharp steel rake. A quart of this mixture will sow about 300 square feet. **Qt., 45 cts.; pk., \$2.20; bus. (20 lbs.) \$7.50, delivered to you.**

Quantity of Lawn Grass Seed to Sow

- 1 qt. will sow a plot 15x20 ft., 300 sq. ft.
- 1 pk. will sow a plot 40x50 ft., 2,000 sq. ft.
- 1 bus. will sow 1/4-acre, 100x108 ft., 10,800 sq. ft.
- 5 bus. will sow 1 acre, 209x209 ft., 63,681 sq. ft.

NOTE—For reviving an old lawn, about half the above quantities are sufficient for the given spaces.

Lawns of fine grasses have long held their place in all schemes for decorating the grounds around the home. Landscape architects know full well the effect produced by an expanse of lawn against a background of ever-greens, shrubs, hardy perennials and even annuals; and nothing tends to give such an air of order and prosperity to a place as a well kept lawn. The fine lawns that one sees throughout the country are not accidents; they are the result of systematic care of years. The majority of people cannot put such a lot of expense and labor on a lawn but they can mow it and frequent mowing (at least once a week, though twice is better), is one of the prime requisites of a fine, even turf. No lawn has ever been hurt by too much mowing, while many have been utterly ruined by allowing the grass to grow too tall.

Next to mowing, seeding is most important. Never allow a bare spot to stay in your lawn. We know people who always keep a small amount of grass seed on hand to sow on these inevitable spots as they appear. In sowing a new lawn care must be taken to sow the seeds evenly and to sow enough. A good plan for even distribution is to sow first lengthwise and then crosswise.

A thorough rolling in the spring after the frost is out of the ground will pack down the uneven places and bring the roots in close contact with the soil.

Too little water is worse than none at all. In exceedingly dry weather, lawn should be thoroughly soaked. Do not water in the heat of the day, as the sun rays evaporate the water so quickly as to scald the fine leaves.

An application of bone meal or commercial pulverized sheep manure once or twice a year will be beneficial. Barn yard manure should be avoided as it usually contains many troublesome weed seeds.

The grade of seed used is after all the biggest factor in producing a perfect lawn. Cheap mixtures often contain many weed seeds and once weeds get a foothold in your lawn they are there to stay unless cut out by hand.

The seeds that go to make up the Pakro Lawn Grass Mixtures are as free from weed seeds and other foreign matter as modern cleaning machinery can make them. All our mixtures are made up from our own formulae that are the result of many years experiments to compound a well-balanced mixture of grasses that will stay green from snow to snow. We say without fear of contradiction that Pakro Lawn Seed Mixtures will equal the finest in the world.



Pakro Lawn Grass Mixture

Pakro Lawn Grass Mixture

A correctly compounded mixture of seeds that have different growing periods. This gives a green lawn from early spring until the snow falls. Many lawns made from this mixture are green nearly all winter. It is a very skillful combination of various strains of grasses which withstand drought and exposure, thrive on shallow soils, and, at the same time, produce a rich velvety green turf all season long. These grasses are very strong-rooted, yet they grow a very fine leaf. The illustration above is an actual photograph of a lawn on a fine estate, sown entirely with Pakro Lawn Grass Mixture. We number among our thousands of customers using this Mixture, many famous private estates. Resolve, this spring, to make your lawn the admiration of everyone who sees it. Sow a liberal quantity of Pakro Lawn Grass Mixture, follow the cultural directions on the package, and you will congratulate yourself many times for your enterprise. **Qt., 30 cts.; pk., \$1.90; bus. (20 lbs.) \$7.00, delivered to you.**

Pakro Fairway Golf Mixture

Golf-courses demand a grass mixture that will make a heavy, thick mat of fibrous roots, so that the grass will not be torn out when the club strikes low on the ball. We have spent years in exhaustive experiments with grass seed for this particular purpose, and in Pakro Fairway Golf Mixture we believe we have the best mixture of its kind on the market. It is carefully combined to give the thick sod required to stand the wear and rough usage, and it thrives in low and wet, high and dry, sandy or clayey soils. We invite the correspondence of greens committees and will gladly advise what we believe will be the best mixture to use under any given set of conditions. **Bus. (20 lbs.) \$7.00 delivered. Sow about 8 bushels to the acre.**

Pakro Putting-Green Mixture

This is the finest mixture made. It is made from a formula obtained from one of the oldest and best-known professional greens-keepers in the world. It produces an extremely thick, very compact, gorgeous green sod of remarkable elasticity and toughness, combining the beauty of a perfect lawn with the tough, matted sward necessary for a good putting-green. **Qt., 50 cts.; pk., \$3.25; bus. (25 lbs.), \$11.00, delivered.**



Pakro Putting Green Mixture

PAKRO ANNUAL

Crego
Giant
Aster

GIANT COMET

The Monarch of All Asters

Massive Chrysanthemum-like blooms beautifully formed and of exceptional substance, making them unsurpassed as cut flowers. The plants grow strong and robust and are covered with blooms until killed by frost. They are very easy to grow, just follow the instructions on the packet. We have all the most popular shades.

- No. 661, Giant Comet White, pure snow white, Loose Seed Pkt. \$.15
- No. 662, Giant Comet Pink, delicate shell pink, Loose Seed Pkt. \$.15
- No. 663, Giant Comet Rose, rich deep rose, Loose Seed Pkt. \$.15
- No. 664, Giant Comet Lavender, bluish lavender, Loose Seed Pkt. \$.15
- No. 665, Giant Comet Purple, royal purple, Loose Seed Pkt. \$.15
- No. 669, Collection, 1 packet each of the above five varieties, 60 cts.

GIANT COMET MIXED, a superb mixture of all colors.

- No. 121Seedtape Pkt. \$.10
- No. 621Loose Seed Pkt. \$.10

For Other Varieties Asters
See Page 19

Calliopsis
Coronata

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